DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S072T07X

Date Printed.....: 29-MAR-07 13:01

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: Not Provided
Sampling Site.....: Behr VOC Plume PRP Si
Release Number.....: 0055729

Date Received.....: 23-MAR-07 00:00

Client Sample Name: Non-Responsive
DCL Sample Name...: **07E01809**
DCL Report Group..: **07E-0217-01**

Matrix.....: AIR
Date Sampled.....: 21-MAR-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G072V01L
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-0
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	26-MAR-07 16:41	0.180	8.6 J	ppb v/v		1	0.5
Propene	26-MAR-07 16:41	0.31	15. J	µg/m³		1	0.86
Dichlorodifluoromethane	26-MAR-07 16:41	0.0669	0.49	ppb v/v	J	1	0.5
Dichlorodifluoromethane	26-MAR-07 16:41	0.33	2.4	µg/m³	J	1	2.5
Chloromethane	26-MAR-07 16:41	0.249	0.55	ppb v/v		1	0.5
Chloromethane	26-MAR-07 16:41	0.51	1.1	µg/m³		1	1.0
Freon 114	26-MAR-07 16:41	0.156	ND	ppb v/v		1	0.5
Freon 114	26-MAR-07 16:41	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	26-MAR-07 16:41	0.301	ND	ppb v/v		1	0.5
Vinyl Chloride	26-MAR-07 16:41	0.77	ND	µg/m³		1	1.3
1,3-Butadiene	26-MAR-07 16:41	0.346	ND	ppb v/v		1	0.5
1,3-Butadiene	26-MAR-07 16:41	0.77	ND	µg/m³		1	1.1
Bromomethane	26-MAR-07 16:41	0.215	ND	ppb v/v		1	0.5
Bromomethane	26-MAR-07 16:41	0.83	ND	µg/m³		1	1.9
Chloroethane	26-MAR-07 16:41	0.388	ND	ppb v/v		1	0.5
Chloroethane	26-MAR-07 16:41	1.0	ND	µg/m³		1	1.3
Freon 11	26-MAR-07 16:41	0.0921	0.22	ppb v/v	J	1	0.5
Freon 11	26-MAR-07 16:41	0.52	1.3	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	26-MAR-07 16:41	0.102	0.18	ppb v/v	J	1	0.5
cis-1,2-Dichloroethene	26-MAR-07 16:41	0.40	0.71	µg/m³	J	1	2.0
Carbon Disulfide	26-MAR-07 16:41	0.111	ND	ppb v/v		1	0.5
Carbon Disulfide	26-MAR-07 16:41	0.35	ND	µg/m³		1	1.6
Freon 113	26-MAR-07 16:41	0.0950	ND	ppb v/v		1	0.5
Freon 113	26-MAR-07 16:41	0.73	ND	µg/m³		1	3.8
Acetone	26-MAR-07 16:41	0.113	4.9 J	ppb v/v		1	0.5
Acetone	26-MAR-07 16:41	0.27	12. J	µg/m³		1	1.2
Methylene Chloride	26-MAR-07 16:41	0.168	0.37	ppb v/v	J	1	0.5
Methylene Chloride	26-MAR-07 16:41	0.58	1.3	µg/m³	J	1	1.7
trans-1,2-Dichloroethene	26-MAR-07 16:41	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	26-MAR-07 16:41	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	26-MAR-07 16:41	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	26-MAR-07 16:41	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	26-MAR-07 16:41	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	26-MAR-07 16:41	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	26-MAR-07 16:41	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	26-MAR-07 16:41	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	26-MAR-07 16:41	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	26-MAR-07 16:41	0.43	ND	µg/m³		1	2.0
2-Butanone	26-MAR-07 16:41	0.182	0.23 J	ppb v/v	J	1	0.5
2-Butanone	26-MAR-07 16:41	0.54	0.68 J	µg/m³	J	1	1.5
Ethyl Acetate	26-MAR-07 16:41	0.273	3.4 J	ppb v/v		1	0.5

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S072T07X

Date Printed.....: 29-MAR-07 13:01
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E01809**
DCL Report Group..: **07E-0217-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	26-MAR-07 16:41	0.98	12. J	µg/m³		1	1.8
Hexane	26-MAR-07 16:41	0.121	0.68	ppb v/v		1	0.5
Hexane	26-MAR-07 16:41	0.43	2.4	µg/m³		1	1.8
Chloroform	26-MAR-07 16:41	0.115	ND	ppb v/v		1	0.5
Chloroform	26-MAR-07 16:41	0.56	ND	µg/m³		1	2.4
1,1,1-Trichloroethane	26-MAR-07 16:41	0.0725	ND	ppb v/v		1	0.5
1,1,1-Trichloroethane	26-MAR-07 16:41	0.40	ND	µg/m³		1	2.7
Carbon Tetrachloride	26-MAR-07 16:41	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	26-MAR-07 16:41	0.41	ND	µg/m³		1	3.1
Benzene	26-MAR-07 16:41	0.102	0.34	ppb v/v	J	1	0.5
Benzene	26-MAR-07 16:41	0.33	1.1	µg/m³	J	1	1.6
Tetrahydrofuran	26-MAR-07 16:41	0.227	ND UJ	ppb v/v		1	0.5
Tetrahydrofuran	26-MAR-07 16:41	0.67	ND UJ	µg/m³		1	1.5
1,2-Dichloroethane	26-MAR-07 16:41	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	26-MAR-07 16:41	0.62	ND	µg/m³		1	2.0
Cyclohexane	26-MAR-07 16:41	0.120	ND	ppb v/v		1	0.5
Cyclohexane	26-MAR-07 16:41	0.41	ND	µg/m³		1	1.7
Trichloroethene	26-MAR-07 16:41	0.120	1.3	ppb v/v		1	0.5
Trichloroethene	26-MAR-07 16:41	0.64	6.9	µg/m³		1	2.7
1,2-Dichloropropane	26-MAR-07 16:41	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	26-MAR-07 16:41	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	26-MAR-07 16:41	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	26-MAR-07 16:41	0.52	ND	µg/m³		1	3.3
Heptane	26-MAR-07 16:41	0.101	0.24	ppb v/v	J	1	0.5
Heptane	26-MAR-07 16:41	0.41	1.0	µg/m³	J	1	2.0
cis-1,3-Dichloropropene	26-MAR-07 16:41	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	26-MAR-07 16:41	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	26-MAR-07 16:41	0.116	ND UJ	ppb v/v		1	0.5
4-Methyl-2-Pentanone	26-MAR-07 16:41	0.48	ND UJ	µg/m³		1	2.0
Toluene	26-MAR-07 16:41	0.115	2.2	ppb v/v		1	0.5
Toluene	26-MAR-07 16:41	0.43	8.2	µg/m³		1	1.9
trans-1,3-Dichloropropene	26-MAR-07 16:41	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	26-MAR-07 16:41	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	26-MAR-07 16:41	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	26-MAR-07 16:41	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	26-MAR-07 16:41	0.0847	ND	ppb v/v		1	0.5
Tetrachloroethene	26-MAR-07 16:41	0.57	ND	µg/m³		1	3.4
2-Hexanone	26-MAR-07 16:41	0.136	ND UJ	ppb v/v		1	0.5
2-Hexanone	26-MAR-07 16:41	0.56	ND UJ	µg/m³		1	2.0
Dibromochloromethane	26-MAR-07 16:41	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	26-MAR-07 16:41	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	26-MAR-07 16:41	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	26-MAR-07 16:41	0.91	ND	µg/m³		1	3.8
Chlorobenzene	26-MAR-07 16:41	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	26-MAR-07 16:41	0.41	ND	µg/m³		1	2.3
Ethylbenzene	26-MAR-07 16:41	0.150	ND	ppb v/v		1	0.5
Ethylbenzene	26-MAR-07 16:41	0.65	ND	µg/m³		1	2.2
m,p-Xylene	26-MAR-07 16:41	0.213	0.35 J	ppb v/v	J	1	1.0
m,p-Xylene	26-MAR-07 16:41	0.92	1.5 J	µg/m³	J	1	4.3
o-Xylene	26-MAR-07 16:41	0.113	0.14 J	ppb v/v	J	1	0.5
o-Xylene	26-MAR-07 16:41	0.49	0.59 J	µg/m³	J	1	2.2
Styrene	26-MAR-07 16:41	0.0748	0.25 J	ppb v/v	J	1	0.5
Styrene	26-MAR-07 16:41	0.32	1.1 J	µg/m³	J	1	2.1
Bromoform	26-MAR-07 16:41	0.0884	ND	ppb v/v		1	0.5
Bromoform	26-MAR-07 16:41	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	26-MAR-07 16:41	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	26-MAR-07 16:41	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	26-MAR-07 16:41	0.136	ND	ppb v/v		1	0.5

960 West LeVoy Drive / Salt Lake City, Utah 84123-2547
Phone (801) 266-7700 Web Page: www.datachem.com
FAX (801) 268-9992 E-mail: lab@datachem.com

LD 4/10/07

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S072T07X

Date Printed.....: 29-MAR-07 13:01
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E01809**
DCL Report Group..: **07E-0217-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	26-MAR-07 16:41	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	26-MAR-07 16:41	0.0983	ND	ppb v/v		1	0.5
4-Ethyl toluene	26-MAR-07 16:41	0.48	ND	µg/m³		1	2.5
1,3,5-Trimethylbenzene	26-MAR-07 16:41	0.112	ND	ppb v/v		1	0.5
1,3,5-Trimethylbenzene	26-MAR-07 16:41	0.55	ND	µg/m³		1	2.5
1,2,4-Trimethylbenzene	26-MAR-07 16:41	0.117	0.14 J	ppb v/v	J	1	0.5
1,2,4-Trimethylbenzene	26-MAR-07 16:41	0.58	0.69 J	µg/m³	J	1	2.5
1,3-Dichlorobenzene	26-MAR-07 16:41	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	26-MAR-07 16:41	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	26-MAR-07 16:41	0.0987	0.15 J	ppb v/v	J	1	0.5
1,4-Dichlorobenzene	26-MAR-07 16:41	0.59	0.90 J	µg/m³	J	1	3.0
1,2-Dichlorobenzene	26-MAR-07 16:41	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	26-MAR-07 16:41	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	26-MAR-07 16:41	0.115	ND	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	26-MAR-07 16:41	0.85	ND	µg/m³		1	3.7
Hexachlorobutadiene	26-MAR-07 16:41	0.119	ND	ppb v/v		1	0.5
Hexachlorobutadiene	26-MAR-07 16:41	1.3	ND	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Isobutane(4.65)	26-MAR-07 16:41	30.	ppb v/v	J	1
Butane(4.93)	26-MAR-07 16:41	23.	ppb v/v	J	1
Ethanol(5.39)	26-MAR-07 16:41	180	ppb v/v	J	1
Isopropyl Alcohol(6.00)	26-MAR-07 16:41	180	ppb v/v	J	1
Pentane(6.26)	26-MAR-07 16:41	3.0	ppb v/v	J	1
Limonene(17.59)	26-MAR-07 16:41	4.8	ppb v/v	J	1

LB
4/10/07

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S072T07Y

Date Printed.....: 29-MAR-07 13:01

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: Not Provided
Sampling Site.....: Behr VOC Plume PRP Si
Release Number.....: 0055729

Date Received.....: 23-MAR-07 00:00

Client Sample Name: Non-Responsive
DCL Sample Name...: **07E01810**
DCL Report Group..: **07E-0217-01**

Matrix.....: AIR
Date Sampled.....: 21-MAR-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G072V01L
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-O
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	26-MAR-07 17:18	0.180	16. J	ppb v/v		1	0.5
Propene	26-MAR-07 17:18	0.31	27. J	µg/m³		1	0.86
Dichlorodifluoromethane	26-MAR-07 17:18	0.0669	1.4	ppb v/v		1	0.5
Dichlorodifluoromethane	26-MAR-07 17:18	0.33	6.7	µg/m³		1	2.5
Chloromethane	26-MAR-07 17:18	0.249	0.52	ppb v/v		1	0.5
Chloromethane	26-MAR-07 17:18	0.51	1.1	µg/m³		1	1.0
Freon 114	26-MAR-07 17:18	0.156	ND	ppb v/v		1	0.5
Freon 114	26-MAR-07 17:18	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	26-MAR-07 17:18	0.301	ND	ppb v/v		1	0.5
Vinyl Chloride	26-MAR-07 17:18	0.77	ND	µg/m³		1	1.3
1,3-Butadiene	26-MAR-07 17:18	0.346	ND	ppb v/v		1	0.5
1,3-Butadiene	26-MAR-07 17:18	0.77	ND	µg/m³		1	1.1
Bromomethane	26-MAR-07 17:18	0.215	ND	ppb v/v		1	0.5
Bromomethane	26-MAR-07 17:18	0.83	ND	µg/m³		1	1.9
Chloroethane	26-MAR-07 17:18	0.388	ND	ppb v/v		1	0.5
Chloroethane	26-MAR-07 17:18	1.0	ND	µg/m³		1	1.3
Freon 11	26-MAR-07 17:18	0.0921	0.24	ppb v/v	J	1	0.5
Freon 11	26-MAR-07 17:18	0.52	1.3	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	26-MAR-07 17:18	0.102	0.22	ppb v/v	J	1	0.5
cis-1,2-Dichloroethene	26-MAR-07 17:18	0.40	0.86	µg/m³	J	1	2.0
Carbon Disulfide	26-MAR-07 17:18	0.111	ND	ppb v/v		1	0.5
Carbon Disulfide	26-MAR-07 17:18	0.35	ND	µg/m³		1	1.6
Freon 113	26-MAR-07 17:18	0.0950	ND	ppb v/v		1	0.5
Freon 113	26-MAR-07 17:18	0.73	ND	µg/m³		1	3.8
Acetone	26-MAR-07 17:18	0.113	12. J	ppb v/v		1	0.5
Acetone	26-MAR-07 17:18	0.27	28. J	µg/m³		1	1.2
Methylene Chloride	26-MAR-07 17:18	0.168	0.55	ppb v/v		1	0.5
Methylene Chloride	26-MAR-07 17:18	0.58	1.9	µg/m³		1	1.7
trans-1,2-Dichloroethene	26-MAR-07 17:18	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	26-MAR-07 17:18	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	26-MAR-07 17:18	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	26-MAR-07 17:18	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	26-MAR-07 17:18	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	26-MAR-07 17:18	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	26-MAR-07 17:18	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	26-MAR-07 17:18	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	26-MAR-07 17:18	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	26-MAR-07 17:18	0.43	ND	µg/m³		1	2.0
2-Butanone	26-MAR-07 17:18	0.182	ND	ppb v/v		1	0.5
2-Butanone	26-MAR-07 17:18	0.54	ND	µg/m³		1	1.5
Ethyl Acetate	26-MAR-07 17:18	0.273	ND	ppb v/v		1	0.5

960 West LeVoy Drive / Salt Lake City, Utah 84123-2547
Phone (801) 266-7700
FAX (801) 268-9992
Web Page: www.datachem.com
E-mail: lab@datachem.com

4/10/07

Date Printed.....: 29-MAR-07 13:01
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E01810**
DCL Report Group..: **07E-0217-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	26-MAR-07 17:18	0.98	ND	µg/m³		1	1.8
Hexane	26-MAR-07 17:18	0.121	1.2	ppb v/v		1	0.5
Hexane	26-MAR-07 17:18	0.43	4.3	µg/m³		1	1.8
Chloroform	26-MAR-07 17:18	0.115	ND	ppb v/v		1	0.5
Chloroform	26-MAR-07 17:18	0.56	ND	µg/m³		1	2.4
1,1,1-Trichloroethane	26-MAR-07 17:18	0.0725	ND	ppb v/v		1	0.5
1,1,1-Trichloroethane	26-MAR-07 17:18	0.40	ND	µg/m³		1	2.7
Carbon Tetrachloride	26-MAR-07 17:18	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	26-MAR-07 17:18	0.41	ND	µg/m³		1	3.1
Benzene	26-MAR-07 17:18	0.102	0.68	ppb v/v		1	0.5
Benzene	26-MAR-07 17:18	0.33	2.2	µg/m³		1	1.6
Tetrahydrofuran	26-MAR-07 17:18	0.227	ND UJ	ppb v/v		1	0.5
Tetrahydrofuran	26-MAR-07 17:18	0.67	ND UJ	µg/m³		1	1.5
1,2-Dichloroethane	26-MAR-07 17:18	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	26-MAR-07 17:18	0.62	ND	µg/m³		1	2.0
Cyclohexane	26-MAR-07 17:18	0.120	ND	ppb v/v		1	0.5
Cyclohexane	26-MAR-07 17:18	0.41	ND	µg/m³		1	1.7
Trichloroethene	26-MAR-07 17:18	0.120	2.7	ppb v/v		1	0.5
Trichloroethene	26-MAR-07 17:18	0.64	15.	µg/m³		1	2.7
1,2-Dichloropropane	26-MAR-07 17:18	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	26-MAR-07 17:18	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	26-MAR-07 17:18	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	26-MAR-07 17:18	0.52	ND	µg/m³		1	3.3
Heptane	26-MAR-07 17:18	0.101	0.43	ppb v/v	J	1	0.5
Heptane	26-MAR-07 17:18	0.41	1.8	µg/m³	J	1	2.0
cis-1,3-Dichloropropene	26-MAR-07 17:18	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	26-MAR-07 17:18	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	26-MAR-07 17:18	0.116	ND UJ	ppb v/v		1	0.5
4-Methyl-2-Pentanone	26-MAR-07 17:18	0.48	ND UJ	µg/m³		1	2.0
Toluene	26-MAR-07 17:18	0.115	1.2	ppb v/v		1	0.5
Toluene	26-MAR-07 17:18	0.43	4.6	µg/m³		1	1.9
trans-1,3-Dichloropropene	26-MAR-07 17:18	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	26-MAR-07 17:18	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	26-MAR-07 17:18	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	26-MAR-07 17:18	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	26-MAR-07 17:18	0.0847	ND	ppb v/v		1	0.5
Tetrachloroethene	26-MAR-07 17:18	0.57	ND	µg/m³		1	3.4
2-Hexanone	26-MAR-07 17:18	0.136	ND UJ	ppb v/v		1	0.5
2-Hexanone	26-MAR-07 17:18	0.56	ND UJ	µg/m³		1	2.0
Dibromochloromethane	26-MAR-07 17:18	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	26-MAR-07 17:18	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	26-MAR-07 17:18	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	26-MAR-07 17:18	0.91	ND	µg/m³		1	3.8
Chlorobenzene	26-MAR-07 17:18	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	26-MAR-07 17:18	0.41	ND	µg/m³		1	2.3
Ethylbenzene	26-MAR-07 17:18	0.150	ND	ppb v/v		1	0.5
Ethylbenzene	26-MAR-07 17:18	0.65	ND	µg/m³		1	2.2
m,p-Xylene	26-MAR-07 17:18	0.213	0.35 J	ppb v/v	J	1	1.0
m,p-Xylene	26-MAR-07 17:18	0.92	1.5 J	µg/m³	J	1	4.3
o-Xylene	26-MAR-07 17:18	0.113	0.13 J	ppb v/v	J	1	0.5
o-Xylene	26-MAR-07 17:18	0.49	0.58 J	µg/m³	J	1	2.2
Styrene	26-MAR-07 17:18	0.0748	0.26 J	ppb v/v	J	1	0.5
Styrene	26-MAR-07 17:18	0.32	1.1 J	µg/m³	J	1	2.1
Bromoform	26-MAR-07 17:18	0.0884	ND	ppb v/v		1	0.5
Bromoform	26-MAR-07 17:18	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	26-MAR-07 17:18	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	26-MAR-07 17:18	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	26-MAR-07 17:18	0.136	ND	ppb v/v		1	0.5

Date Printed.....: 29-MAR-07 13:01
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E01810**
DCL Report Group..: **07E-0217-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	26-MAR-07 17:18	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	26-MAR-07 17:18	0.0983	ND	ppb v/v		1	0.5
4-Ethyl toluene	26-MAR-07 17:18	0.48	ND	µg/m³		1	2.5
1,3,5-Trimethylbenzene	26-MAR-07 17:18	0.112	ND	ppb v/v		1	0.5
1,3,5-Trimethylbenzene	26-MAR-07 17:18	0.55	ND	µg/m³		1	2.5
1,2,4-Trimethylbenzene	26-MAR-07 17:18	0.117	0.17 J	ppb v/v	J	1	0.5
1,2,4-Trimethylbenzene	26-MAR-07 17:18	0.58	0.84 J	µg/m³	J	1	2.5
1,3-Dichlorobenzene	26-MAR-07 17:18	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	26-MAR-07 17:18	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	26-MAR-07 17:18	0.0987	ND	ppb v/v		1	0.5
1,4-Dichlorobenzene	26-MAR-07 17:18	0.59	ND	µg/m³		1	3.0
1,2-Dichlorobenzene	26-MAR-07 17:18	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	26-MAR-07 17:18	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	26-MAR-07 17:18	0.115	ND	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	26-MAR-07 17:18	0.85	ND	µg/m³		1	3.7
Hexachlorobutadiene	26-MAR-07 17:18	0.119	ND	ppb v/v		1	0.5
Hexachlorobutadiene	26-MAR-07 17:18	1.3	ND	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Isobutane(4.64)	26-MAR-07 17:18	12.	ppb v/v	J	1
Butane(4.92)	26-MAR-07 17:18	43.	ppb v/v	J	1
Ethanol(5.39)	26-MAR-07 17:18	110	ppb v/v	J	1
Isopropyl Alcohol(5.99)	26-MAR-07 17:18	280	ppb v/v	J	1
Pentane(6.26)	26-MAR-07 17:18	3.6	ppb v/v	J	1

JD
4/10/07

BEHR VOC PLUME SITE
DAYTON, OHIO
DATA VALIDATION REPORT

Date: April 17, 2007
Laboratory: DataChem Laboratories, Inc. (DataChem), Salt Lake City, Utah
Laboratory SDG #/Set ID #: BEHR/07E-0228-01
Data Validation Performed By: Lisa Graczyk, Dynamac Corporation (Dynamac), subcontractor to Weston Solutions, Inc. (Weston)
Weston Analytical Work Order #/TDD #: 20405.016.003.0121.00/S05-0612-007

This data validation report has been prepared by Dynamac, a Weston subcontractor, under the START III Region V contract. This report documents the data validation of air samples collected for the Behr VOC Plume Site that were analyzed for Volatile Organic Compounds (VOC) by U.S. Environmental Protection Agency (U.S. EPA) method TO-15. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Organic Data Review" dated October 1999.

VOCs in Air by U.S. EPA Method TO15

1. Samples

The following table summarizes the sample for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
Non-Responsive	07E01851	Air	03/28/07	NA	03/30/07

2. Holding Times

The sample was analyzed within the required holding time limit of 30 days from sample collection in accordance with method TO-15.

3. Instrument Performance Check

The instrument performance check using bromofluorobenzene (BFB) was performed within the 24-hour period for which the samples were analyzed as required for method TO-15. The BFB standard met the ion abundance criteria specified in method TO-15.

4. Initial Calibration

For the initial calibration, the percent relative standard deviations (%RSD) for all compounds were less than 30 percent. The average relative response factors were all greater than 0.05.

5. Continuing Calibration

The percent differences (%D) in the continuing calibration standard for all target compounds were within the control limit of less than or equal to 25 percent.

6. Blanks

The method blank associated with the sample was free of target compound contamination.

7. Surrogates

The 4-bromofluorobenzene surrogate spike recovery in the sample was within the quality control (QC) limits.

8. Laboratory Control Sample (LCS)

All LCS recoveries and LCS duplicate recoveries were within the laboratory-established QC limits of 70 to 130 percent recovery.

The relative percent differences between the LCS and LCS duplicate were outside the QC limits for acetone, 2-butanone, 4-methyl-2-pentanone, and 2-hexanone. Detected results for these compounds were flagged “J” as estimated.

9. Internal Standard Results

The internal standard area counts in the samples were within -50 percent to +100 percent of the area counts of the associated continuing calibration standard. The retention time of the internal standards did not vary more than ±30 seconds from the retention time of the associated continuing calibration standard.

10. Target Compound Identification

A spot-check was performed of the mass spectra for detected compounds. The spot-check confirmed compound identification. DataChem appropriately flagged those results detected above the method detection limit but below the quantitation limit as "J" or estimated.

ATTACHMENT

DATACHEM LABORATORIES
RESULTS SUMMARY

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S072Y02K

Date Printed.....: 09-APR-07 08:42

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: 055729
Sampling Site.....: Behr VOC Plume PRP Si
Release Number.....: 055729

Date Received.....: 30-MAR-07 00:00

Client Sample Name: Non-Responsive
DCL Sample Name...: **07E01851**
DCL Report Group..: **07E-0228-01**

Matrix.....: AIR
Date Sampled.....: 28-MAR-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G0735007
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-0
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	30-MAR-07 16:44	0.180	5.6	ppb v/v		1	0.5
Propene	30-MAR-07 16:44	0.31	9.7	µg/m³		1	0.86
Dichlorodifluoromethane	30-MAR-07 16:44	0.0669	0.47	ppb v/v	J	1	0.5
Dichlorodifluoromethane	30-MAR-07 16:44	0.33	2.3	µg/m³	J	1	2.5
Chloromethane	30-MAR-07 16:44	0.249	0.93	ppb v/v		1	0.5
Chloromethane	30-MAR-07 16:44	0.51	1.9	µg/m³		1	1.0
Freon 114	30-MAR-07 16:44	0.156	ND	ppb v/v		1	0.5
Freon 114	30-MAR-07 16:44	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	30-MAR-07 16:44	0.301	ND	ppb v/v		1	0.5
Vinyl Chloride	30-MAR-07 16:44	0.77	ND	µg/m³		1	1.3
1,3-Butadiene	30-MAR-07 16:44	0.346	ND	ppb v/v		1	0.5
1,3-Butadiene	30-MAR-07 16:44	0.77	ND	µg/m³		1	1.1
Bromomethane	30-MAR-07 16:44	0.215	ND	ppb v/v		1	0.5
Bromomethane	30-MAR-07 16:44	0.83	ND	µg/m³		1	1.9
Chloroethane	30-MAR-07 16:44	0.388	ND	ppb v/v		1	0.5
Chloroethane	30-MAR-07 16:44	1.0	ND	µg/m³		1	1.3
Freon 11	30-MAR-07 16:44	0.0921	0.21	ppb v/v	J	1	0.5
Freon 11	30-MAR-07 16:44	0.52	1.2	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	30-MAR-07 16:44	0.102	0.54	ppb v/v		1	0.5
cis-1,2-Dichloroethene	30-MAR-07 16:44	0.40	2.1	µg/m³		1	2.0
Carbon Disulfide	30-MAR-07 16:44	0.111	ND	ppb v/v		1	0.5
Carbon Disulfide	30-MAR-07 16:44	0.35	ND	µg/m³		1	1.6
Freon 113	30-MAR-07 16:44	0.0950	ND	ppb v/v		1	0.5
Freon 113	30-MAR-07 16:44	0.73	ND	µg/m³		1	3.8
Acetone	30-MAR-07 16:44	0.113	19. J	ppb v/v		1	0.5
Acetone	30-MAR-07 16:44	0.27	45. J	µg/m³		1	1.2
Methylene Chloride	30-MAR-07 16:44	0.168	ND	ppb v/v		1	0.5
Methylene Chloride	30-MAR-07 16:44	0.58	ND	µg/m³		1	1.7
trans-1,2-Dichloroethene	30-MAR-07 16:44	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	30-MAR-07 16:44	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	30-MAR-07 16:44	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	30-MAR-07 16:44	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	30-MAR-07 16:44	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	30-MAR-07 16:44	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	30-MAR-07 16:44	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	30-MAR-07 16:44	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	30-MAR-07 16:44	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	30-MAR-07 16:44	0.43	ND	µg/m³		1	2.0
2-Butanone	30-MAR-07 16:44	0.182	3.5 J	ppb v/v		1	0.5
2-Butanone	30-MAR-07 16:44	0.54	10. J	µg/m³		1	1.5
Ethyl Acetate	30-MAR-07 16:44	0.273	0.75	ppb v/v		1	0.5

960 West LeVoy Drive / Salt Lake City, Utah 84123-2547
Phone (801) 266-7700 Web Page: www.datachem.com
FAX (801) 268-9992 E-mail: lab@datachem.com

4/17/07

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S072Y02K

Date Printed.....: 09-APR-07 08:42
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E01851**
DCL Report Group..: **07E-0228-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	30-MAR-07 16:44	0.98	2.7	µg/m³		1	1.8
Hexane	30-MAR-07 16:44	0.121	0.62	ppb v/v		1	0.5
Hexane	30-MAR-07 16:44	0.43	2.2	µg/m³		1	1.8
Chloroform	30-MAR-07 16:44	0.115	ND	ppb v/v		1	0.5
Chloroform	30-MAR-07 16:44	0.56	ND	µg/m³		1	2.4
1,1,1-Trichloroethane	30-MAR-07 16:44	0.0725	ND	ppb v/v		1	0.5
1,1,1-Trichloroethane	30-MAR-07 16:44	0.40	ND	µg/m³		1	2.7
Carbon Tetrachloride	30-MAR-07 16:44	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	30-MAR-07 16:44	0.41	ND	µg/m³		1	3.1
Benzene	30-MAR-07 16:44	0.102	0.44	ppb v/v	J	1	0.5
Benzene	30-MAR-07 16:44	0.33	1.4	µg/m³	J	1	1.6
Tetrahydrofuran	30-MAR-07 16:44	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	30-MAR-07 16:44	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	30-MAR-07 16:44	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	30-MAR-07 16:44	0.62	ND	µg/m³		1	2.0
Cyclohexane	30-MAR-07 16:44	0.120	ND	ppb v/v		1	0.5
Cyclohexane	30-MAR-07 16:44	0.41	ND	µg/m³		1	1.7
Trichloroethene	30-MAR-07 16:44	0.120	3.5	ppb v/v		1	0.5
Trichloroethene	30-MAR-07 16:44	0.64	19.	µg/m³		1	2.7
1,2-Dichloropropane	30-MAR-07 16:44	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	30-MAR-07 16:44	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	30-MAR-07 16:44	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	30-MAR-07 16:44	0.52	ND	µg/m³		1	3.3
Heptane	30-MAR-07 16:44	0.101	0.45	ppb v/v	J	1	0.5
Heptane	30-MAR-07 16:44	0.41	1.8	µg/m³	J	1	2.0
cis-1,3-Dichloropropene	30-MAR-07 16:44	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	30-MAR-07 16:44	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	30-MAR-07 16:44	0.116	ND	ppb v/v		1	0.5
4-Methyl-2-Pentanone	30-MAR-07 16:44	0.48	ND	µg/m³		1	2.0
Toluene	30-MAR-07 16:44	0.115	1.8	ppb v/v		1	0.5
Toluene	30-MAR-07 16:44	0.43	6.8	µg/m³		1	1.9
trans-1,3-Dichloropropene	30-MAR-07 16:44	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	30-MAR-07 16:44	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	30-MAR-07 16:44	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	30-MAR-07 16:44	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	30-MAR-07 16:44	0.0847	ND	ppb v/v		1	0.5
Tetrachloroethene	30-MAR-07 16:44	0.57	ND	µg/m³		1	3.4
2-Hexanone	30-MAR-07 16:44	0.136	ND	ppb v/v		1	0.5
2-Hexanone	30-MAR-07 16:44	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	30-MAR-07 16:44	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	30-MAR-07 16:44	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	30-MAR-07 16:44	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	30-MAR-07 16:44	0.91	ND	µg/m³		1	3.8
Chlorobenzene	30-MAR-07 16:44	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	30-MAR-07 16:44	0.41	ND	µg/m³		1	2.3
Ethylbenzene	30-MAR-07 16:44	0.150	ND	ppb v/v		1	0.5
Ethylbenzene	30-MAR-07 16:44	0.65	ND	µg/m³		1	2.2
m,p-Xylene	30-MAR-07 16:44	0.213	0.29	ppb v/v	J	1	1.0
m,p-Xylene	30-MAR-07 16:44	0.92	1.3	µg/m³	J	1	4.3
o-Xylene	30-MAR-07 16:44	0.113	ND	ppb v/v		1	0.5
o-Xylene	30-MAR-07 16:44	0.49	ND	µg/m³		1	2.2
Styrene	30-MAR-07 16:44	0.0748	0.17	ppb v/v	J	1	0.5
Styrene	30-MAR-07 16:44	0.32	0.73	µg/m³	J	1	2.1
Bromoform	30-MAR-07 16:44	0.0884	ND	ppb v/v		1	0.5
Bromoform	30-MAR-07 16:44	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	30-MAR-07 16:44	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	30-MAR-07 16:44	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	30-MAR-07 16:44	0.136	ND	ppb v/v		1	0.5

Date Printed.....: 09-APR-07 08:42
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E01851**
DCL Report Group..: **07E-0228-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	30-MAR-07 16:44	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	30-MAR-07 16:44	0.0983	ND	ppb v/v		1	0.5
4-Ethyl toluene	30-MAR-07 16:44	0.48	ND	µg/m³		1	2.5
1,3,5-Trimethylbenzene	30-MAR-07 16:44	0.112	ND	ppb v/v		1	0.5
1,3,5-Trimethylbenzene	30-MAR-07 16:44	0.55	ND	µg/m³		1	2.5
1,2,4-Trimethylbenzene	30-MAR-07 16:44	0.117	ND	ppb v/v		1	0.5
1,2,4-Trimethylbenzene	30-MAR-07 16:44	0.58	ND	µg/m³		1	2.5
1,3-Dichlorobenzene	30-MAR-07 16:44	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	30-MAR-07 16:44	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	30-MAR-07 16:44	0.0987	ND	ppb v/v		1	0.5
1,4-Dichlorobenzene	30-MAR-07 16:44	0.59♦	ND	µg/m³		1	3.0
1,2-Dichlorobenzene	30-MAR-07 16:44	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	30-MAR-07 16:44	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	30-MAR-07 16:44	0.115	ND	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	30-MAR-07 16:44	0.85	ND	µg/m³		1	3.7
Hexachlorobutadiene	30-MAR-07 16:44	0.119	ND	ppb v/v		1	0.5
Hexachlorobutadiene	30-MAR-07 16:44	1.3	ND	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Isobutane(4.62)	30-MAR-07 16:44	12.	ppb v/v	J	1
Butane(4.89)	30-MAR-07 16:44	4.2	ppb v/v	J	1
Ethanol(5.39)	30-MAR-07 16:44	24.	ppb v/v	J	1
Isopropyl Alcohol(5.98)	30-MAR-07 16:44	45.	ppb v/v	J	1
Pentane(6.22)	30-MAR-07 16:44	2.8	ppb v/v	J	1
1,3-Butadiene, 2-methyl-(6.31)	30-MAR-07 16:44	2.6	ppb v/v	J	1
Pentane, 2-methyl-(7.65)	30-MAR-07 16:44	2.4	ppb v/v	J	1
Butanal(7.75)	30-MAR-07 16:44	2.8	ppb v/v	J	1

BEHR VOC PLUME SITE
DAYTON, OHIO
DATA VALIDATION REPORT

Date: April 10, 2007
Laboratory: DataChem Laboratories, Inc. (DataChem), Salt Lake City, Utah
Laboratory SDG #/Set ID #: BEHR/07E-0189-01
Data Validation Performed By: Lisa Graczyk, Dynamac Corporation (Dynamac), subcontractor to Weston Solutions, Inc. (Weston)
Weston Analytical Work Order #/TDD #: 20405.016.003.0121.00/S05-0612-007

This data validation report has been prepared by Dynamac, a Weston subcontractor, under the START III Region V contract. This report documents the data validation of air samples collected for the Behr VOC Plume Site that were analyzed for Volatile Organic Compounds (VOC) by U.S. Environmental Protection Agency (U.S. EPA) method TO-15. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Organic Data Review" dated October 1999.

VOCs in Air by U.S. EPA Method TO15

1. Samples

The following table summarizes the sample for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
EPA-09-SS	07E01705	Air	03/12/07	NA	03/22/07

2. Holding Times

The sample was analyzed within the required holding time limit of 30 days from sample collection in accordance with method TO-15.

3. Instrument Performance Check

The instrument performance check using bromofluorobenzene (BFB) was performed within the 24-hour period for which the samples were analyzed as required for method TO-15. The BFB standard met the ion abundance criteria specified in method TO-15.

4. Initial Calibration

The initial calibration had acceptable results. The percent relative standard deviations (%RSD) for all compounds were less than 30 percent except for acetone. The detected result for acetone was flagged "J" as estimated for this discrepancy. The average relative response factors were all greater than 0.05.

5. Continuing Calibration

The percent differences (%D) in the continuing calibration standard for all target compounds were within the control limit of less than or equal to 25 percent except for acetone, 4-methyl-2-pentanone, and 2-hexanone. For these three compounds, detected results were flagged "J" and the quantitation limits for non-detected results were flagged "UJ" as estimated.

6. Blanks

The method blank associated with the sample was free of target compound contamination.

7. Surrogates

All 4-bromofluorobenzene surrogate spike recovery for the sample was within the quality control (QC) limits.

8. Laboratory Control Sample (LCS)

All LCS recoveries and LCS duplicate recoveries were within the laboratory-established QC limits of 70 to 130 percent recovery except for propene; 1,2,4-trichlorobenzene; and hexachlorobutadiene which were detected low in the LCS standards. For these three compounds, detected results were flagged "J" and the quantitation limits for non-detected results were flagged "UJ" as estimated.

9. Internal Standard Results

The internal standard area counts were within -50 percent to +100 percent of the area counts in the associated continuing calibration standard. The retention time of the internal standards did not vary more than ±30 seconds from the retention time of the associated continuing calibration standard.

10. Target Compound Identification

A spot-check was performed of the mass spectra for detected compounds. The spot-check confirmed compound identification. DataChem appropriately flagged those results detected above the method detection limit but below the quantitation limit as "J" or estimated.

ATTACHMENT

DATACHEM LABORATORIES
RESULTS SUMMARY

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S072F037

Date Printed.....: 28-MAR-07 14:36

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: Not Provided
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 055729

Date Received.....: 14-MAR-07 00:00

Client Sample Name: **EPA-09-SS**
DCL Sample Name...: **07E01705**
DCL Report Group..: **07E-0189-01**

Matrix.....: AIR
Date Sampled.....: 12-MAR-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G072V01K
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-W
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	22-MAR-07 17:22	0.180	24. J	ppb v/v	E	1	0.5
Propene	22-MAR-07 17:22	0.31	40. J	µg/m³	E	1	0.86
Dichlorodifluoromethane	22-MAR-07 17:22	0.0669	0.57	ppb v/v		1	0.5
Dichlorodifluoromethane	22-MAR-07 17:22	0.33	2.8	µg/m³		1	2.5
Chloromethane	22-MAR-07 17:22	0.249	ND	ppb v/v		1	0.5
Chloromethane	22-MAR-07 17:22	0.51	ND	µg/m³		1	1.0
Freon 114	22-MAR-07 17:22	0.156	ND	ppb v/v		1	0.5
Freon 114	22-MAR-07 17:22	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	22-MAR-07 17:22	0.301	ND	ppb v/v		1	0.5
Vinyl Chloride	22-MAR-07 17:22	0.77	ND	µg/m³		1	1.3
1,3-Butadiene	22-MAR-07 17:22	0.346	ND	ppb v/v		1	0.5
1,3-Butadiene	22-MAR-07 17:22	0.77	ND	µg/m³		1	1.1
Bromomethane	22-MAR-07 17:22	0.215	ND	ppb v/v		1	0.5
Bromomethane	22-MAR-07 17:22	0.83	ND	µg/m³		1	1.9
Chloroethane	22-MAR-07 17:22	0.388	ND	ppb v/v		1	0.5
Chloroethane	22-MAR-07 17:22	1.0	ND	µg/m³		1	1.3
Freon 11	22-MAR-07 17:22	0.0921	0.36	ppb v/v	J	1	0.5
Freon 11	22-MAR-07 17:22	0.52	2.0	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	22-MAR-07 17:22	0.102	ND	ppb v/v		1	0.5
cis-1,2-Dichloroethene	22-MAR-07 17:22	0.40	ND	µg/m³		1	2.0
Carbon Disulfide	22-MAR-07 17:22	0.111	ND	ppb v/v		1	0.5
Carbon Disulfide	22-MAR-07 17:22	0.35	ND	µg/m³		1	1.6
Freon 113	22-MAR-07 17:22	0.0950	ND	ppb v/v		1	0.5
Freon 113	22-MAR-07 17:22	0.73	ND	µg/m³		1	3.8
Acetone	22-MAR-07 17:22	0.113	0.62 J	ppb v/v		1	0.5
Acetone	22-MAR-07 17:22	0.27	1.5 J	µg/m³		1	1.2
Methylene Chloride	22-MAR-07 17:22	0.168	0.82	ppb v/v		1	0.5
Methylene Chloride	22-MAR-07 17:22	0.58	2.8	µg/m³		1	1.7
trans-1,2-Dichloroethene	22-MAR-07 17:22	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	22-MAR-07 17:22	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	22-MAR-07 17:22	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	22-MAR-07 17:22	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	22-MAR-07 17:22	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	22-MAR-07 17:22	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	22-MAR-07 17:22	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	22-MAR-07 17:22	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	22-MAR-07 17:22	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	22-MAR-07 17:22	0.43	ND	µg/m³		1	2.0
2-Butanone	22-MAR-07 17:22	0.182	1.1	ppb v/v		1	0.5
2-Butanone	22-MAR-07 17:22	0.54	3.2	µg/m³		1	1.5
Ethyl Acetate	22-MAR-07 17:22	0.273	ND	ppb v/v		1	0.5

960 West LeVoy Drive / Salt Lake City, Utah 84123-2547
Phone (801) 266-7700 Web Page: www.datachem.com
FAX (801) 268-9992 E-mail: lab@datachem.com

4/10/07

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S072F037

Date Printed.....: 28-MAR-07 14:36
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E01705**
DCL Report Group..: **07E-0189-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	22-MAR-07 17:22	0.98	ND	µg/m³		1	1.8
Hexane	22-MAR-07 17:22	0.121	1.2	ppb v/v		1	0.5
Hexane	22-MAR-07 17:22	0.43	4.2	µg/m³		1	1.8
Chloroform	22-MAR-07 17:22	0.115	ND	ppb v/v		1	0.5
Chloroform	22-MAR-07 17:22	0.56	ND	µg/m³		1	2.4
1,1,1-Trichloroethane	22-MAR-07 17:22	0.0725	0.14	ppb v/v	J	1	0.5
1,1,1-Trichloroethane	22-MAR-07 17:22	0.40	0.75	µg/m³	J	1	2.7
Carbon Tetrachloride	22-MAR-07 17:22	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	22-MAR-07 17:22	0.41	ND	µg/m³		1	3.1
Benzene	22-MAR-07 17:22	0.102	0.33	ppb v/v	J	1	0.5
Benzene	22-MAR-07 17:22	0.33	1.0	µg/m³	J	1	1.6
Tetrahydrofuran	22-MAR-07 17:22	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	22-MAR-07 17:22	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	22-MAR-07 17:22	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	22-MAR-07 17:22	0.62	ND	µg/m³		1	2.0
Cyclohexane	22-MAR-07 17:22	0.120	0.48	ppb v/v	J	1	0.5
Cyclohexane	22-MAR-07 17:22	0.41	1.7	µg/m³	J	1	1.7
Trichloroethene	22-MAR-07 17:22	0.120	0.22	ppb v/v	J	1	0.5
Trichloroethene	22-MAR-07 17:22	0.64	1.2	µg/m³	J	1	2.7
1,2-Dichloropropane	22-MAR-07 17:22	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	22-MAR-07 17:22	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	22-MAR-07 17:22	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	22-MAR-07 17:22	0.52	ND	µg/m³		1	3.3
Heptane	22-MAR-07 17:22	0.101	0.77	ppb v/v		1	0.5
Heptane	22-MAR-07 17:22	0.41	3.2	µg/m³		1	2.0
cis-1,3-Dichloropropene	22-MAR-07 17:22	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	22-MAR-07 17:22	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	22-MAR-07 17:22	0.116	ND UJ	ppb v/v		1	0.5
4-Methyl-2-Pentanone	22-MAR-07 17:22	0.48	ND UJ	µg/m³		1	2.0
Toluene	22-MAR-07 17:22	0.115	0.83	ppb v/v		1	0.5
Toluene	22-MAR-07 17:22	0.43	3.1	µg/m³		1	1.9
trans-1,3-Dichloropropene	22-MAR-07 17:22	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	22-MAR-07 17:22	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	22-MAR-07 17:22	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	22-MAR-07 17:22	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	22-MAR-07 17:22	0.0847	2.7	ppb v/v		1	0.5
Tetrachloroethene	22-MAR-07 17:22	0.57	18.	µg/m³		1	3.4
2-Hexanone	22-MAR-07 17:22	0.136	ND UJ	ppb v/v		1	0.5
2-Hexanone	22-MAR-07 17:22	0.56	ND UJ	µg/m³		1	2.0
Dibromochloromethane	22-MAR-07 17:22	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	22-MAR-07 17:22	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	22-MAR-07 17:22	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	22-MAR-07 17:22	0.91	ND	µg/m³		1	3.8
Chlorobenzene	22-MAR-07 17:22	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	22-MAR-07 17:22	0.41	ND	µg/m³		1	2.3
Ethylbenzene	22-MAR-07 17:22	0.150	0.24	ppb v/v	J	1	0.5
Ethylbenzene	22-MAR-07 17:22	0.65	1.1	µg/m³	J	1	2.2
m,p-Xylene	22-MAR-07 17:22	0.213	0.35	ppb v/v	J	1	1.0
m,p-Xylene	22-MAR-07 17:22	0.92	1.5	µg/m³	J	1	4.3
o-Xylene	22-MAR-07 17:22	0.113	0.16	ppb v/v	J	1	0.5
o-Xylene	22-MAR-07 17:22	0.49	0.68	µg/m³	J	1	2.2
Styrene	22-MAR-07 17:22	0.0748	ND	ppb v/v		1	0.5
Styrene	22-MAR-07 17:22	0.32	ND	µg/m³		1	2.1
Bromoform	22-MAR-07 17:22	0.0884	ND	ppb v/v		1	0.5
Bromoform	22-MAR-07 17:22	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	22-MAR-07 17:22	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	22-MAR-07 17:22	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	22-MAR-07 17:22	0.136	ND	ppb v/v		1	0.5

960 West LeVoy Drive / Salt Lake City, Utah 84123-2547
Phone (801) 266-7700
FAX (801) 268-9992
Web Page: www.datachem.com
E-mail: lab@datachem.com

4/12/07

Date Printed.....: 28-MAR-07 14:36
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E01705**
DCL Report Group..: **07E-0189-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	22-MAR-07 17:22	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	22-MAR-07 17:22	0.0983	ND	ppb v/v		1	0.5
4-Ethyl toluene	22-MAR-07 17:22	0.48	ND	µg/m³		1	2.5
1,3,5-Trimethylbenzene	22-MAR-07 17:22	0.112	ND	ppb v/v		1	0.5
1,3,5-Trimethylbenzene	22-MAR-07 17:22	0.55	ND	µg/m³		1	2.5
1,2,4-Trimethylbenzene	22-MAR-07 17:22	0.117	0.20	ppb v/v	J	1	0.5
1,2,4-Trimethylbenzene	22-MAR-07 17:22	0.58	1.0	µg/m³	J	1	2.5
1,3-Dichlorobenzene	22-MAR-07 17:22	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	22-MAR-07 17:22	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	22-MAR-07 17:22	0.0987	ND	ppb v/v		1	0.5
1,4-Dichlorobenzene	22-MAR-07 17:22	0.59	ND	µg/m³		1	3.0
1,2-Dichlorobenzene	22-MAR-07 17:22	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	22-MAR-07 17:22	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	22-MAR-07 17:22	0.115	ND UJ	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	22-MAR-07 17:22	0.85	ND UJ	µg/m³		1	3.7
Hexachlorobutadiene	22-MAR-07 17:22	0.119	ND UJ	ppb v/v		1	0.5
Hexachlorobutadiene	22-MAR-07 17:22	1.3	ND UJ	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Isobutane(4.52)	22-MAR-07 17:22	37.	ppb v/v	J	1
Butane(4.80)	22-MAR-07 17:22	3.6	ppb v/v	J	1
Propane, 2,2-dimethyl-(4.93)	22-MAR-07 17:22	5.2	ppb v/v	J	1
Ethanol(5.26)	22-MAR-07 17:22	7.0	ppb v/v	J	1
Pentane(6.12)	22-MAR-07 17:22	2.7	ppb v/v	J	1

2D
4/10/07

BEHR VOC PLUME SITE
DAYTON, OHIO
DATA VALIDATION REPORT

Date: June 6, 2007
Laboratory: DataChem Laboratories, Inc. (DataChem), Salt Lake City, Utah
Laboratory SDG #/Set ID #: BEHR/07E-0352-01
Data Validation Performed By: Lisa Graczyk, Dynamac Corporation (Dynamac), subcontractor to Weston Solutions, Inc. (Weston)
Weston Analytical Work Order #/TDD #: 20405.016.003.0121.00/S05-0612-007

This data validation report has been prepared by Dynamac, a Weston subcontractor, under the START III Region V contract. This report documents the data validation of air samples collected for the Behr VOC Plume Site that were analyzed for Volatile Organic Compounds (VOC) by U.S. Environmental Protection Agency (U.S. EPA) method TO-15. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Organic Data Review" dated October 1999.

VOCs in Air by U.S. EPA Method TO15

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
EPA-12-SS	07E02345	Air	05/01/07	NA	05/04/07
EPA-13-SS	07E02346	Air	05/01/07	NA	05/04/07
EPA-14-SS	07E02347	Air	05/01/07	NA	05/04/07
EPA-15-SS	07E02348	Air	05/01/07	NA	05/04/07
EPA-16-SS	07E02349	Air	05/01/07	NA	05/04/07

2. Holding Times

The samples were analyzed within the required holding time limit of 30 days from sample collection in accordance with method TO-15.

3. Instrument Performance Check

The instrument performance check using bromofluorobenzene (BFB) was performed within the 24-hour period for which the samples were analyzed as required for method TO-15. The BFB standard met the ion abundance criteria specified in method TO-15.

4. Initial Calibration

For the initial calibration, the percent relative standard deviations (%RSD) for all compounds were less than 30 percent except for propene. The quantitation limits for propene were flagged "UJ" as estimated for this discrepancy. The average relative response factors were all greater than 0.05.

5. Continuing Calibration

The percent differences (%D) in the continuing calibration standard for all target compounds were within the control limit of less than or equal to 25 percent except for propene. The quantitation limits for propene were flagged "UJ" as estimated for this discrepancy.

6. Blanks

The method blank associated with the samples was free of target compound contamination.

7. Surrogates

The 4-bromofluorobenzene surrogate spike recoveries in the samples were within the quality control (QC) limits.

8. Laboratory Control Sample (LCS)

The LCS recoveries and LCS duplicate recoveries were within the laboratory-established QC limits of 70 to 130 percent recovery except for the following compounds: propene; chloromethane; vinyl chloride; 1,3-butadiene; bromomethane; and chloroethane. These compounds were all detected low. Since these compounds were not detected in the samples, the quantitation limits were flagged "UJ" as estimated for this discrepancy.

9. Internal Standard Results

The internal standard area counts in the samples were within -50 percent to +100 percent of the area counts of the associated continuing calibration standard. The retention time of the internal standards did not vary more than ±30 seconds from the retention time of the associated continuing calibration standard.

10. Target Compound Identification

A spot-check was performed of the mass spectra for detected compounds. The spot-check confirmed compound identification. DataChem appropriately flagged those results detected above the method detection limit but below the quantitation limit as "J" or estimated.

ATTACHMENT

DATACHEM LABORATORIES
RESULTS SUMMARY

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S074202F

Date Printed.....: 10-MAY-07 10:50

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: 055729
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 055729

Date Received.....: 03-MAY-07 00:00

Client Sample Name: **EPA-12-SS**
DCL Sample Name...: **07E02345**
DCL Report Group..: **07E-0352-01**

Matrix.....: AIR
Date Sampled.....: 01-MAY-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G074801C
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-O
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	04-MAY-07 11:47	0.180	ND UJ	ppb v/v		1	0.5
Propene	04-MAY-07 11:47	0.31	ND UJ	µg/m³		1	0.86
Dichlorodifluoromethane	04-MAY-07 11:47	0.0669	0.52	ppb v/v		1	0.5
Dichlorodifluoromethane	04-MAY-07 11:47	0.33	2.6	µg/m³		1	2.5
Chloromethane	04-MAY-07 11:47	0.249	ND UJ	ppb v/v		1	0.5
Chloromethane	04-MAY-07 11:47	0.51	ND UJ	µg/m³		1	1.0
Freon 114	04-MAY-07 11:47	0.156	ND	ppb v/v		1	0.5
Freon 114	04-MAY-07 11:47	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	04-MAY-07 11:47	0.301	ND UJ	ppb v/v		1	0.5
Vinyl Chloride	04-MAY-07 11:47	0.77	ND UJ	µg/m³		1	1.3
1,3-Butadiene	04-MAY-07 11:47	0.346	ND UJ	ppb v/v		1	0.5
1,3-Butadiene	04-MAY-07 11:47	0.77	ND UJ	µg/m³		1	1.1
Bromomethane	04-MAY-07 11:47	0.215	ND UJ	ppb v/v		1	0.5
Bromomethane	04-MAY-07 11:47	0.83	ND UJ	µg/m³		1	1.9
Chloroethane	04-MAY-07 11:47	0.388	ND UJ	ppb v/v		1	0.5
Chloroethane	04-MAY-07 11:47	1.0	ND UJ	µg/m³		1	1.3
Freon 11	04-MAY-07 11:47	0.0921	0.35	ppb v/v	J	1	0.5
Freon 11	04-MAY-07 11:47	0.52	2.0	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	04-MAY-07 11:47	0.102	ND	ppb v/v		1	0.5
cis-1,2-Dichloroethene	04-MAY-07 11:47	0.40	ND	µg/m³		1	2.0
Carbon Disulfide	04-MAY-07 11:47	0.111	ND	ppb v/v		1	0.5
Carbon Disulfide	04-MAY-07 11:47	0.35	ND	µg/m³		1	1.6
Freon 113	04-MAY-07 11:47	0.0950	ND	ppb v/v		1	0.5
Freon 113	04-MAY-07 11:47	0.73	ND	µg/m³		1	3.8
Acetone	04-MAY-07 11:47	0.113	ND	ppb v/v		1	0.5
Acetone	04-MAY-07 11:47	0.27	ND	µg/m³		1	1.2
Methylene Chloride	04-MAY-07 11:47	0.168	ND	ppb v/v		1	0.5
Methylene Chloride	04-MAY-07 11:47	0.58	ND	µg/m³		1	1.7
trans-1,2-Dichloroethene	04-MAY-07 11:47	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	04-MAY-07 11:47	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	04-MAY-07 11:47	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	04-MAY-07 11:47	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	04-MAY-07 11:47	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	04-MAY-07 11:47	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	04-MAY-07 11:47	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	04-MAY-07 11:47	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	04-MAY-07 11:47	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	04-MAY-07 11:47	0.43	ND	µg/m³		1	2.0
2-Butanone	04-MAY-07 11:47	0.182	ND	ppb v/v		1	0.5
2-Butanone	04-MAY-07 11:47	0.54	ND	µg/m³		1	1.5
Ethyl Acetate	04-MAY-07 11:47	0.273	ND	ppb v/v		1	0.5

960 West LeVoy Drive / Salt Lake City, Utah 84123-2547
Phone (801) 266-7700 Web Page: www.datachem.com
FAX (801) 268-9992 E-mail: lab@datachem.com

6/6/07

Date Printed.....: 10-MAY-07 10:50
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02345**
DCL Report Group..: **07E-0352-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	04-MAY-07 11:47	0.98	ND	µg/m³		1	1.8
Hexane	04-MAY-07 11:47	0.121	0.72	ppb v/v		1	0.5
Hexane	04-MAY-07 11:47	0.43	2.5	µg/m³		1	1.8
Chloroform	04-MAY-07 11:47	0.115	ND	ppb v/v		1	0.5
Chloroform	04-MAY-07 11:47	0.56	ND	µg/m³		1	2.4
1,1,1-Trichloroethane	04-MAY-07 11:47	0.0725	ND	ppb v/v		1	0.5
1,1,1-Trichloroethane	04-MAY-07 11:47	0.40	ND	µg/m³		1	2.7
Carbon Tetrachloride	04-MAY-07 11:47	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	04-MAY-07 11:47	0.41	ND	µg/m³		1	3.1
Benzene	04-MAY-07 11:47	0.102	0.36	ppb v/v	J	1	0.5
Benzene	04-MAY-07 11:47	0.33	1.1	µg/m³	J	1	1.6
Tetrahydrofuran	04-MAY-07 11:47	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	04-MAY-07 11:47	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	04-MAY-07 11:47	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	04-MAY-07 11:47	0.62	ND	µg/m³		1	2.0
Cyclohexane	04-MAY-07 11:47	0.120	ND	ppb v/v		1	0.5
Cyclohexane	04-MAY-07 11:47	0.41	ND	µg/m³		1	1.7
Trichloroethene	04-MAY-07 11:47	0.120	ND	ppb v/v		1	0.5
Trichloroethene	04-MAY-07 11:47	0.64	ND	µg/m³		1	2.7
1,2-Dichloropropane	04-MAY-07 11:47	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	04-MAY-07 11:47	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	04-MAY-07 11:47	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	04-MAY-07 11:47	0.52	ND	µg/m³		1	3.3
Heptane	04-MAY-07 11:47	0.101	0.42	ppb v/v	J	1	0.5
Heptane	04-MAY-07 11:47	0.41	1.7	µg/m³	J	1	2.0
cis-1,3-Dichloropropene	04-MAY-07 11:47	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	04-MAY-07 11:47	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	04-MAY-07 11:47	0.116	ND	ppb v/v		1	0.5
4-Methyl-2-Pentanone	04-MAY-07 11:47	0.48	ND	µg/m³		1	2.0
Toluene	04-MAY-07 11:47	0.115	0.96	ppb v/v		1	0.5
Toluene	04-MAY-07 11:47	0.43	3.6	µg/m³		1	1.9
trans-1,3-Dichloropropene	04-MAY-07 11:47	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	04-MAY-07 11:47	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	04-MAY-07 11:47	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	04-MAY-07 11:47	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	04-MAY-07 11:47	0.0847	0.39	ppb v/v	J	1	0.5
Tetrachloroethene	04-MAY-07 11:47	0.57	2.6	µg/m³	J	1	3.4
2-Hexanone	04-MAY-07 11:47	0.136	ND	ppb v/v		1	0.5
2-Hexanone	04-MAY-07 11:47	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	04-MAY-07 11:47	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	04-MAY-07 11:47	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	04-MAY-07 11:47	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	04-MAY-07 11:47	0.91	ND	µg/m³		1	3.8
Chlorobenzene	04-MAY-07 11:47	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	04-MAY-07 11:47	0.41	ND	µg/m³		1	2.3
Ethylbenzene	04-MAY-07 11:47	0.150	0.36	ppb v/v	J	1	0.5
Ethylbenzene	04-MAY-07 11:47	0.65	1.5	µg/m³	J	1	2.2
m,p-Xylene	04-MAY-07 11:47	0.213	0.62	ppb v/v	J	1	1.0
m,p-Xylene	04-MAY-07 11:47	0.92	2.7	µg/m³	J	1	4.3
o-Xylene	04-MAY-07 11:47	0.113	0.29	ppb v/v	J	1	0.5
o-Xylene	04-MAY-07 11:47	0.49	1.2	µg/m³	J	1	2.2
Styrene	04-MAY-07 11:47	0.0748	ND	ppb v/v		1	0.5
Styrene	04-MAY-07 11:47	0.32	ND	µg/m³		1	2.1
Bromoform	04-MAY-07 11:47	0.0884	ND	ppb v/v		1	0.5
Bromoform	04-MAY-07 11:47	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	04-MAY-07 11:47	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	04-MAY-07 11:47	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	04-MAY-07 11:47	0.136	ND	ppb v/v		1	0.5

Date Printed.....: 10-MAY-07 10:50
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02345**
DCL Report Group..: **07E-0352-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	04-MAY-07 11:47	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	04-MAY-07 11:47	0.0983	0.14	ppb v/v	J	1	0.5
4-Ethyl toluene	04-MAY-07 11:47	0.48	0.66	µg/m³	J	1	2.5
1,3,5-Trimethylbenzene	04-MAY-07 11:47	0.112	0.15	ppb v/v	J	1	0.5
1,3,5-Trimethylbenzene	04-MAY-07 11:47	0.55	0.72	µg/m³	J	1	2.5
1,2,4-Trimethylbenzene	04-MAY-07 11:47	0.117	0.50	ppb v/v		1	0.5
1,2,4-Trimethylbenzene	04-MAY-07 11:47	0.58	2.5	µg/m³		1	2.5
1,3-Dichlorobenzene	04-MAY-07 11:47	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	04-MAY-07 11:47	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	04-MAY-07 11:47	0.0987	ND	ppb v/v		1	0.5
1,4-Dichlorobenzene	04-MAY-07 11:47	0.59	ND	µg/m³		1	3.0
1,2-Dichlorobenzene	04-MAY-07 11:47	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	04-MAY-07 11:47	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	04-MAY-07 11:47	0.115	ND	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	04-MAY-07 11:47	0.85	ND	µg/m³		1	3.7
Hexachlorobutadiene	04-MAY-07 11:47	0.119	ND	ppb v/v		1	0.5
Hexachlorobutadiene	04-MAY-07 11:47	1.3	ND	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Unknown fluorocarbon(4.51)	04-MAY-07 11:47	3.2	ppb v/v	J	1
Isobutane(4.66)	04-MAY-07 11:47	5.2	ppb v/v	J	1
Butane(4.94)	04-MAY-07 11:47	2.8	ppb v/v	J	1
Ethanol(5.50)	04-MAY-07 11:47	3.7	ppb v/v	J	1
Unknown fluorocarbon(13.78)	04-MAY-07 11:47	26.	ppb v/v	J	1

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S074202G

Date Printed.....: 10-MAY-07 10:50

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: 055729
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 055729

Date Received.....: 03-MAY-07 00:00

Client Sample Name: **EPA-13-SS**
DCL Sample Name...: **07E02346**
DCL Report Group..: **07E-0352-01**

Matrix.....: AIR
Date Sampled.....: 01-MAY-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G074801C
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-O
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	04-MAY-07 12:57	0.180	ND UJ	ppb v/v		1	0.5
Propene	04-MAY-07 12:57	0.31	ND UJ	µg/m³		1	0.86
Dichlorodifluoromethane	04-MAY-07 12:57	0.0669	0.46	ppb v/v	J	1	0.5
Dichlorodifluoromethane	04-MAY-07 12:57	0.33	2.3	µg/m³	J	1	2.5
Chloromethane	04-MAY-07 12:57	0.249	ND UJ	ppb v/v		1	0.5
Chloromethane	04-MAY-07 12:57	0.51	ND UJ	µg/m³		1	1.0
Freon 114	04-MAY-07 12:57	0.156	ND	ppb v/v		1	0.5
Freon 114	04-MAY-07 12:57	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	04-MAY-07 12:57	0.301	ND UJ	ppb v/v		1	0.5
Vinyl Chloride	04-MAY-07 12:57	0.77	ND UJ	µg/m³		1	1.3
1,3-Butadiene	04-MAY-07 12:57	0.346	ND UJ	ppb v/v		1	0.5
1,3-Butadiene	04-MAY-07 12:57	0.77	ND UJ	µg/m³		1	1.1
Bromomethane	04-MAY-07 12:57	0.215	ND UJ	ppb v/v		1	0.5
Bromomethane	04-MAY-07 12:57	0.83	ND UJ	µg/m³		1	1.9
Chloroethane	04-MAY-07 12:57	0.388	ND UJ	ppb v/v		1	0.5
Chloroethane	04-MAY-07 12:57	1.0	ND UJ	µg/m³		1	1.3
Freon 11	04-MAY-07 12:57	0.0921	0.22	ppb v/v	J	1	0.5
Freon 11	04-MAY-07 12:57	0.52	1.2	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	04-MAY-07 12:57	0.102	ND	ppb v/v		1	0.5
cis-1,2-Dichloroethene	04-MAY-07 12:57	0.40	ND	µg/m³		1	2.0
Carbon Disulfide	04-MAY-07 12:57	0.111	ND	ppb v/v		1	0.5
Carbon Disulfide	04-MAY-07 12:57	0.35	ND	µg/m³		1	1.6
Freon 113	04-MAY-07 12:57	0.0950	ND	ppb v/v		1	0.5
Freon 113	04-MAY-07 12:57	0.73	ND	µg/m³		1	3.8
Acetone	04-MAY-07 12:57	0.113	ND	ppb v/v		1	0.5
Acetone	04-MAY-07 12:57	0.27	ND	µg/m³		1	1.2
Methylene Chloride	04-MAY-07 12:57	0.168	ND	ppb v/v		1	0.5
Methylene Chloride	04-MAY-07 12:57	0.58	ND	µg/m³		1	1.7
trans-1,2-Dichloroethene	04-MAY-07 12:57	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	04-MAY-07 12:57	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	04-MAY-07 12:57	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	04-MAY-07 12:57	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	04-MAY-07 12:57	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	04-MAY-07 12:57	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	04-MAY-07 12:57	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	04-MAY-07 12:57	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	04-MAY-07 12:57	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	04-MAY-07 12:57	0.43	ND	µg/m³		1	2.0
2-Butanone	04-MAY-07 12:57	0.182	ND	ppb v/v		1	0.5
2-Butanone	04-MAY-07 12:57	0.54	ND	µg/m³		1	1.5
Ethyl Acetate	04-MAY-07 12:57	0.273	ND	ppb v/v		1	0.5

Date Printed.....: 10-MAY-07 10:50
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02346**
DCL Report Group..: **07E-0352-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	04-MAY-07 12:57	0.98	ND	µg/m³		1	1.8
Hexane	04-MAY-07 12:57	0.121	ND	ppb v/v		1	0.5
Hexane	04-MAY-07 12:57	0.43	ND	µg/m³		1	1.8
Chloroform	04-MAY-07 12:57	0.115	ND	ppb v/v		1	0.5
Chloroform	04-MAY-07 12:57	0.56	ND	µg/m³		1	2.4
1,1,1-Trichloroethane	04-MAY-07 12:57	0.0725	ND	ppb v/v		1	0.5
1,1,1-Trichloroethane	04-MAY-07 12:57	0.40	ND	µg/m³		1	2.7
Carbon Tetrachloride	04-MAY-07 12:57	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	04-MAY-07 12:57	0.41	ND	µg/m³		1	3.1
Benzene	04-MAY-07 12:57	0.102	0.19	ppb v/v	J	1	0.5
Benzene	04-MAY-07 12:57	0.33	0.62	µg/m³	J	1	1.6
Tetrahydrofuran	04-MAY-07 12:57	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	04-MAY-07 12:57	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	04-MAY-07 12:57	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	04-MAY-07 12:57	0.62	ND	µg/m³		1	2.0
Cyclohexane	04-MAY-07 12:57	0.120	ND	ppb v/v		1	0.5
Cyclohexane	04-MAY-07 12:57	0.41	ND	µg/m³		1	1.7
Trichloroethene	04-MAY-07 12:57	0.120	ND	ppb v/v		1	0.5
Trichloroethene	04-MAY-07 12:57	0.64	ND	µg/m³		1	2.7
1,2-Dichloropropane	04-MAY-07 12:57	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	04-MAY-07 12:57	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	04-MAY-07 12:57	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	04-MAY-07 12:57	0.52	ND	µg/m³		1	3.3
Heptane	04-MAY-07 12:57	0.101	0.16	ppb v/v	J	1	0.5
Heptane	04-MAY-07 12:57	0.41	0.64	µg/m³	J	1	2.0
cis-1,3-Dichloropropene	04-MAY-07 12:57	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	04-MAY-07 12:57	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	04-MAY-07 12:57	0.116	ND	ppb v/v		1	0.5
4-Methyl-2-Pentanone	04-MAY-07 12:57	0.48	ND	µg/m³		1	2.0
Toluene	04-MAY-07 12:57	0.115	0.42	ppb v/v	J	1	0.5
Toluene	04-MAY-07 12:57	0.43	1.6	µg/m³	J	1	1.9
trans-1,3-Dichloropropene	04-MAY-07 12:57	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	04-MAY-07 12:57	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	04-MAY-07 12:57	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	04-MAY-07 12:57	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	04-MAY-07 12:57	0.0847	1.6	ppb v/v		1	0.5
Tetrachloroethene	04-MAY-07 12:57	0.57	11.	µg/m³		1	3.4
2-Hexanone	04-MAY-07 12:57	0.136	ND	ppb v/v		1	0.5
2-Hexanone	04-MAY-07 12:57	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	04-MAY-07 12:57	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	04-MAY-07 12:57	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	04-MAY-07 12:57	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	04-MAY-07 12:57	0.91	ND	µg/m³		1	3.8
Chlorobenzene	04-MAY-07 12:57	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	04-MAY-07 12:57	0.41	ND	µg/m³		1	2.3
Ethylbenzene	04-MAY-07 12:57	0.150	0.18	ppb v/v	J	1	0.5
Ethylbenzene	04-MAY-07 12:57	0.65	0.76	µg/m³	J	1	2.2
m,p-Xylene	04-MAY-07 12:57	0.213	0.27	ppb v/v	J	1	1.0
m,p-Xylene	04-MAY-07 12:57	0.92	1.2	µg/m³	J	1	4.3
o-Xylene	04-MAY-07 12:57	0.113	0.13	ppb v/v	J	1	0.5
o-Xylene	04-MAY-07 12:57	0.49	0.55	µg/m³	J	1	2.2
Styrene	04-MAY-07 12:57	0.0748	ND	ppb v/v		1	0.5
Styrene	04-MAY-07 12:57	0.32	ND	µg/m³		1	2.1
Bromoform	04-MAY-07 12:57	0.0884	ND	ppb v/v		1	0.5
Bromoform	04-MAY-07 12:57	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	04-MAY-07 12:57	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	04-MAY-07 12:57	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	04-MAY-07 12:57	0.136	ND	ppb v/v		1	0.5

Date Printed.....: 10-MAY-07 10:50
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02346**
DCL Report Group..: **07E-0352-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	04-MAY-07 12:57	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	04-MAY-07 12:57	0.0983	ND	ppb v/v		1	0.5
4-Ethyl toluene	04-MAY-07 12:57	0.48	ND	µg/m³		1	2.5
1,3,5-Trimethylbenzene	04-MAY-07 12:57	0.112	ND	ppb v/v		1	0.5
1,3,5-Trimethylbenzene	04-MAY-07 12:57	0.55	ND	µg/m³		1	2.5
1,2,4-Trimethylbenzene	04-MAY-07 12:57	0.117	0.19	ppb v/v	J	1	0.5
1,2,4-Trimethylbenzene	04-MAY-07 12:57	0.58	0.91	µg/m³	J	1	2.5
1,3-Dichlorobenzene	04-MAY-07 12:57	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	04-MAY-07 12:57	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	04-MAY-07 12:57	0.0987	ND	ppb v/v		1	0.5
1,4-Dichlorobenzene	04-MAY-07 12:57	0.59	ND	µg/m³		1	3.0
1,2-Dichlorobenzene	04-MAY-07 12:57	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	04-MAY-07 12:57	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	04-MAY-07 12:57	0.115	ND	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	04-MAY-07 12:57	0.85	ND	µg/m³		1	3.7
Hexachlorobutadiene	04-MAY-07 12:57	0.119	ND	ppb v/v		1	0.5
Hexachlorobutadiene	04-MAY-07 12:57	1.3	ND	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Unknown fluorocarbon(13.79)	04-MAY-07 12:57	20.	ppb v/v	J	1

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S074202H

Date Printed.....: 10-MAY-07 10:50

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: 055729
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 055729

Date Received.....: 03-MAY-07 00:00

Client Sample Name: **EPA-14-SS**
DCL Sample Name...: **07E02347**
DCL Report Group..: **07E-0352-01**

Matrix.....: AIR
Date Sampled.....: 01-MAY-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G074801C
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-0
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	04-MAY-07 14:07	0.180	ND UJ	ppb v/v		1	0.5
Propene	04-MAY-07 14:07	0.31	ND UJ	µg/m³		1	0.86
Dichlorodifluoromethane	04-MAY-07 14:07	0.0669	0.49	ppb v/v	J	1	0.5
Dichlorodifluoromethane	04-MAY-07 14:07	0.33	2.4	µg/m³	J	1	2.5
Chloromethane	04-MAY-07 14:07	0.249	ND UJ	ppb v/v		1	0.5
Chloromethane	04-MAY-07 14:07	0.51	ND UJ	µg/m³		1	1.0
Freon 114	04-MAY-07 14:07	0.156	ND	ppb v/v		1	0.5
Freon 114	04-MAY-07 14:07	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	04-MAY-07 14:07	0.301	ND UJ	ppb v/v		1	0.5
Vinyl Chloride	04-MAY-07 14:07	0.77	ND UJ	µg/m³		1	1.3
1,3-Butadiene	04-MAY-07 14:07	0.346	ND UJ	ppb v/v		1	0.5
1,3-Butadiene	04-MAY-07 14:07	0.77	ND UJ	µg/m³		1	1.1
Bromomethane	04-MAY-07 14:07	0.215	ND UJ	ppb v/v		1	0.5
Bromomethane	04-MAY-07 14:07	0.83	ND UJ	µg/m³		1	1.9
Chloroethane	04-MAY-07 14:07	0.388	ND UJ	ppb v/v		1	0.5
Chloroethane	04-MAY-07 14:07	1.0	ND UJ	µg/m³		1	1.3
Freon 11	04-MAY-07 14:07	0.0921	0.26	ppb v/v	J	1	0.5
Freon 11	04-MAY-07 14:07	0.52	1.5	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	04-MAY-07 14:07	0.102	0.86	ppb v/v		1	0.5
cis-1,2-Dichloroethene	04-MAY-07 14:07	0.40	3.4	µg/m³		1	2.0
Carbon Disulfide	04-MAY-07 14:07	0.111	1.1	ppb v/v		1	0.5
Carbon Disulfide	04-MAY-07 14:07	0.35	3.4	µg/m³		1	1.6
Freon 113	04-MAY-07 14:07	0.0950	0.18	ppb v/v	J	1	0.5
Freon 113	04-MAY-07 14:07	0.73	1.3	µg/m³	J	1	3.8
Acetone	04-MAY-07 14:07	0.113	13.	ppb v/v		1	0.5
Acetone	04-MAY-07 14:07	0.27	32.	µg/m³		1	1.2
Methylene Chloride	04-MAY-07 14:07	0.168	ND	ppb v/v		1	0.5
Methylene Chloride	04-MAY-07 14:07	0.58	ND	µg/m³		1	1.7
trans-1,2-Dichloroethene	04-MAY-07 14:07	0.118	0.83	ppb v/v		1	0.5
trans-1,2-Dichloroethene	04-MAY-07 14:07	0.47	3.3	µg/m³		1	2.0
1,1-Dichloroethane	04-MAY-07 14:07	0.116	0.68	ppb v/v		1	0.5
1,1-Dichloroethane	04-MAY-07 14:07	0.47	2.8	µg/m³		1	2.0
Methyl t-Butyl Ether	04-MAY-07 14:07	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	04-MAY-07 14:07	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	04-MAY-07 14:07	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	04-MAY-07 14:07	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	04-MAY-07 14:07	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	04-MAY-07 14:07	0.43	ND	µg/m³		1	2.0
2-Butanone	04-MAY-07 14:07	0.182	ND	ppb v/v		1	0.5
2-Butanone	04-MAY-07 14:07	0.54	ND	µg/m³		1	1.5
Ethyl Acetate	04-MAY-07 14:07	0.273	ND	ppb v/v		1	0.5

960 West LeVoy Drive / Salt Lake City, Utah 84123-2547
Phone (801) 266-7700 Web Page: www.datachem.com
FAX (801) 268-9992 E-mail: lab@datachem.com

Date Printed.....: 10-MAY-07 10:50
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02347**
DCL Report Group..: **07E-0352-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	04-MAY-07 14:07	0.98	ND	µg/m³		1	1.8
Hexane	04-MAY-07 14:07	0.121	1.7	ppb v/v		1	0.5
Hexane	04-MAY-07 14:07	0.43	6.1	µg/m³		1	1.8
Chloroform	04-MAY-07 14:07	0.115	0.65	ppb v/v		1	0.5
Chloroform	04-MAY-07 14:07	0.56	3.2	µg/m³		1	2.4
1,1,1-Trichloroethane	04-MAY-07 14:07	0.0725	9.1	ppb v/v		1	0.5
1,1,1-Trichloroethane	04-MAY-07 14:07	0.40	50.	µg/m³		1	2.7
Carbon Tetrachloride	04-MAY-07 14:07	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	04-MAY-07 14:07	0.41	ND	µg/m³		1	3.1
Benzene	04-MAY-07 14:07	0.102	0.72	ppb v/v		1	0.5
Benzene	04-MAY-07 14:07	0.33	2.3	µg/m³		1	1.6
Tetrahydrofuran	04-MAY-07 14:07	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	04-MAY-07 14:07	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	04-MAY-07 14:07	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	04-MAY-07 14:07	0.62	ND	µg/m³		1	2.0
Cyclohexane	04-MAY-07 14:07	0.120	ND	ppb v/v		1	0.5
Cyclohexane	04-MAY-07 14:07	0.41	ND	µg/m³		1	1.7
Trichloroethene	04-MAY-07 14:07	1.2	220	ppb v/v		10	5.0
Trichloroethene	04-MAY-07 14:07	6.4	1200	µg/m³		10	27.
1,2-Dichloropropane	04-MAY-07 14:07	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	04-MAY-07 14:07	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	04-MAY-07 14:07	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	04-MAY-07 14:07	0.52	ND	µg/m³		1	3.3
Heptane	04-MAY-07 14:07	0.101	1.4	ppb v/v		1	0.5
Heptane	04-MAY-07 14:07	0.41	5.6	µg/m³		1	2.0
cis-1,3-Dichloropropene	04-MAY-07 14:07	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	04-MAY-07 14:07	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	04-MAY-07 14:07	0.116	ND	ppb v/v		1	0.5
4-Methyl-2-Pentanone	04-MAY-07 14:07	0.48	ND	µg/m³		1	2.0
Toluene	04-MAY-07 14:07	0.115	1.9	ppb v/v		1	0.5
Toluene	04-MAY-07 14:07	0.43	7.3	µg/m³		1	1.9
trans-1,3-Dichloropropene	04-MAY-07 14:07	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	04-MAY-07 14:07	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	04-MAY-07 14:07	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	04-MAY-07 14:07	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	04-MAY-07 14:07	0.0847	2.1	ppb v/v		1	0.5
Tetrachloroethene	04-MAY-07 14:07	0.57	14.	µg/m³		1	3.4
2-Hexanone	04-MAY-07 14:07	0.136	ND	ppb v/v		1	0.5
2-Hexanone	04-MAY-07 14:07	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	04-MAY-07 14:07	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	04-MAY-07 14:07	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	04-MAY-07 14:07	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	04-MAY-07 14:07	0.91	ND	µg/m³		1	3.8
Chlorobenzene	04-MAY-07 14:07	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	04-MAY-07 14:07	0.41	ND	µg/m³		1	2.3
Ethylbenzene	04-MAY-07 14:07	0.150	0.66	ppb v/v		1	0.5
Ethylbenzene	04-MAY-07 14:07	0.65	2.9	µg/m³		1	2.2
m,p-Xylene	04-MAY-07 14:07	0.213	1.2	ppb v/v		1	1.0
m,p-Xylene	04-MAY-07 14:07	0.92	5.1	µg/m³		1	4.3
o-Xylene	04-MAY-07 14:07	0.113	0.49	ppb v/v	J	1	0.5
o-Xylene	04-MAY-07 14:07	0.49	2.1	µg/m³	J	1	2.2
Styrene	04-MAY-07 14:07	0.0748	ND	ppb v/v		1	0.5
Styrene	04-MAY-07 14:07	0.32	ND	µg/m³		1	2.1
Bromoform	04-MAY-07 14:07	0.0884	ND	ppb v/v		1	0.5
Bromoform	04-MAY-07 14:07	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	04-MAY-07 14:07	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	04-MAY-07 14:07	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	04-MAY-07 14:07	0.136	ND	ppb v/v		1	0.5

Date Printed.....: 10-MAY-07 10:50
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02347**
DCL Report Group..: **07E-0352-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	04-MAY-07 14:07	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	04-MAY-07 14:07	0.0983	0.14	ppb v/v	J	1	0.5
4-Ethyl toluene	04-MAY-07 14:07	0.48	0.67	µg/m³	J	1	2.5
1,3,5-Trimethylbenzene	04-MAY-07 14:07	0.112	0.22	ppb v/v	J	1	0.5
1,3,5-Trimethylbenzene	04-MAY-07 14:07	0.55	1.1	µg/m³	J	1	2.5
1,2,4-Trimethylbenzene	04-MAY-07 14:07	0.117	0.69	ppb v/v		1	0.5
1,2,4-Trimethylbenzene	04-MAY-07 14:07	0.58	3.4	µg/m³		1	2.5
1,3-Dichlorobenzene	04-MAY-07 14:07	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	04-MAY-07 14:07	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	04-MAY-07 14:07	0.0987	ND	ppb v/v		1	0.5
1,4-Dichlorobenzene	04-MAY-07 14:07	0.59	ND	µg/m³		1	3.0
1,2-Dichlorobenzene	04-MAY-07 14:07	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	04-MAY-07 14:07	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	04-MAY-07 14:07	0.115	ND	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	04-MAY-07 14:07	0.85	ND	µg/m³		1	3.7
Hexachlorobutadiene	04-MAY-07 14:07	0.119	ND	ppb v/v		1	0.5
Hexachlorobutadiene	04-MAY-07 14:07	1.3	ND	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Isobutane(4.65)	04-MAY-07 14:07	8.2	ppb v/v	J	1
Butane(4.93)	04-MAY-07 14:07	3.3	ppb v/v	J	1
Ethanol(5.44)	04-MAY-07 14:07	26.	ppb v/v	J	1
Disulfide, dimethyl(11.58)	04-MAY-07 14:07	2.4	ppb v/v	J	1
Unknown fluorocarbon(13.79)	04-MAY-07 14:07	14.	ppb v/v	J	1

SAMPLE ANALYSIS DATA SHEET


S074202J

Date Printed.....: 10-MAY-07 10:50

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: 055729
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 055729

Date Received.....: 03-MAY-07 00:00

Client Sample Name: **EPA-15-SS**
DCL Sample Name...: **07E02348**
DCL Report Group..: **07E-0352-01**

Matrix.....: AIR
Date Sampled.....: 01-MAY-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G074801C
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-0
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	04-MAY-07 15:19	0.180	ND UJ	ppb v/v		1	0.5
Propene	04-MAY-07 15:19	0.31	ND UJ	µg/m³		1	0.86
Dichlorodifluoromethane	04-MAY-07 15:19	0.0669	0.46	ppb v/v	J	1	0.5
Dichlorodifluoromethane	04-MAY-07 15:19	0.33	2.3	µg/m³	J	1	2.5
Chloromethane	04-MAY-07 15:19	0.249	ND UJ	ppb v/v		1	0.5
Chloromethane	04-MAY-07 15:19	0.51	ND UJ	µg/m³		1	1.0
Freon 114	04-MAY-07 15:19	0.156	ND	ppb v/v		1	0.5
Freon 114	04-MAY-07 15:19	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	04-MAY-07 15:19	0.301	ND UJ	ppb v/v		1	0.5
Vinyl Chloride	04-MAY-07 15:19	0.77	ND UJ	µg/m³		1	1.3
1,3-Butadiene	04-MAY-07 15:19	0.346	ND UJ	ppb v/v		1	0.5
1,3-Butadiene	04-MAY-07 15:19	0.77	ND UJ	µg/m³		1	1.1
Bromomethane	04-MAY-07 15:19	0.215	ND UJ	ppb v/v		1	0.5
Bromomethane	04-MAY-07 15:19	0.83	ND UJ	µg/m³		1	1.9
Chloroethane	04-MAY-07 15:19	0.388	ND UJ	ppb v/v		1	0.5
Chloroethane	04-MAY-07 15:19	1.0	ND UJ	µg/m³		1	1.3
Freon 11	04-MAY-07 15:19	0.0921	0.42	ppb v/v	J	1	0.5
Freon 11	04-MAY-07 15:19	0.52	2.4	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	04-MAY-07 15:19	0.102	ND	ppb v/v		1	0.5
cis-1,2-Dichloroethene	04-MAY-07 15:19	0.40	ND	µg/m³		1	2.0
Carbon Disulfide	04-MAY-07 15:19	0.111	0.13	ppb v/v	J	1	0.5
Carbon Disulfide	04-MAY-07 15:19	0.35	0.40	µg/m³	J	1	1.6
Freon 113	04-MAY-07 15:19	0.0950	ND	ppb v/v		1	0.5
Freon 113	04-MAY-07 15:19	0.73	ND	µg/m³		1	3.8
Acetone	04-MAY-07 15:19	0.113	15.	ppb v/v		1	0.5
Acetone	04-MAY-07 15:19	0.27	36.	µg/m³		1	1.2
Methylene Chloride	04-MAY-07 15:19	0.168	ND	ppb v/v		1	0.5
Methylene Chloride	04-MAY-07 15:19	0.58	ND	µg/m³		1	1.7
trans-1,2-Dichloroethene	04-MAY-07 15:19	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	04-MAY-07 15:19	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	04-MAY-07 15:19	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	04-MAY-07 15:19	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	04-MAY-07 15:19	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	04-MAY-07 15:19	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	04-MAY-07 15:19	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	04-MAY-07 15:19	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	04-MAY-07 15:19	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	04-MAY-07 15:19	0.43	ND	µg/m³		1	2.0
2-Butanone	04-MAY-07 15:19	0.182	0.20	ppb v/v	J	1	0.5
2-Butanone	04-MAY-07 15:19	0.54	0.58	µg/m³	J	1	1.5
Ethyl Acetate	04-MAY-07 15:19	0.273	ND	ppb v/v		1	0.5

Date Printed.....: 10-MAY-07 10:50
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02348**
DCL Report Group..: **07E-0352-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	04-MAY-07 15:19	0.98	ND	µg/m³		1	1.8
Hexane	04-MAY-07 15:19	0.121	1.9	ppb v/v		1	0.5
Hexane	04-MAY-07 15:19	0.43	6.6	µg/m³		1	1.8
Chloroform	04-MAY-07 15:19	0.115	0.14	ppb v/v	J	1	0.5
Chloroform	04-MAY-07 15:19	0.56	0.66	µg/m³	J	1	2.4
1,1,1-Trichloroethane	04-MAY-07 15:19	0.0725	0.75	ppb v/v		1	0.5
1,1,1-Trichloroethane	04-MAY-07 15:19	0.40	4.1	µg/m³		1	2.7
Carbon Tetrachloride	04-MAY-07 15:19	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	04-MAY-07 15:19	0.41	ND	µg/m³		1	3.1
Benzene	04-MAY-07 15:19	0.102	0.59	ppb v/v		1	0.5
Benzene	04-MAY-07 15:19	0.33	1.9	µg/m³		1	1.6
Tetrahydrofuran	04-MAY-07 15:19	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	04-MAY-07 15:19	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	04-MAY-07 15:19	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	04-MAY-07 15:19	0.62	ND	µg/m³		1	2.0
Cyclohexane	04-MAY-07 15:19	0.120	0.68	ppb v/v		1	0.5
Cyclohexane	04-MAY-07 15:19	0.41	2.4	µg/m³		1	1.7
Trichloroethene	04-MAY-07 15:19	0.120	ND	ppb v/v		1	0.5
Trichloroethene	04-MAY-07 15:19	0.64	ND	µg/m³		1	2.7
1,2-Dichloropropane	04-MAY-07 15:19	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	04-MAY-07 15:19	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	04-MAY-07 15:19	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	04-MAY-07 15:19	0.52	ND	µg/m³		1	3.3
Heptane	04-MAY-07 15:19	0.101	0.75	ppb v/v		1	0.5
Heptane	04-MAY-07 15:19	0.41	3.1	µg/m³		1	2.0
cis-1,3-Dichloropropene	04-MAY-07 15:19	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	04-MAY-07 15:19	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	04-MAY-07 15:19	0.116	ND	ppb v/v		1	0.5
4-Methyl-2-Pentanone	04-MAY-07 15:19	0.48	ND	µg/m³		1	2.0
Toluene	04-MAY-07 15:19	0.115	2.8	ppb v/v		1	0.5
Toluene	04-MAY-07 15:19	0.43	11.	µg/m³		1	1.9
trans-1,3-Dichloropropene	04-MAY-07 15:19	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	04-MAY-07 15:19	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	04-MAY-07 15:19	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	04-MAY-07 15:19	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	04-MAY-07 15:19	0.0847	ND	ppb v/v		1	0.5
Tetrachloroethene	04-MAY-07 15:19	0.57	ND	µg/m³		1	3.4
2-Hexanone	04-MAY-07 15:19	0.136	ND	ppb v/v		1	0.5
2-Hexanone	04-MAY-07 15:19	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	04-MAY-07 15:19	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	04-MAY-07 15:19	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	04-MAY-07 15:19	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	04-MAY-07 15:19	0.91	ND	µg/m³		1	3.8
Chlorobenzene	04-MAY-07 15:19	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	04-MAY-07 15:19	0.41	ND	µg/m³		1	2.3
Ethylbenzene	04-MAY-07 15:19	0.150	1.2	ppb v/v		1	0.5
Ethylbenzene	04-MAY-07 15:19	0.65	5.3	µg/m³		1	2.2
m,p-Xylene	04-MAY-07 15:19	0.213	3.4	ppb v/v		1	1.0
m,p-Xylene	04-MAY-07 15:19	0.92	15.	µg/m³		1	4.3
o-Xylene	04-MAY-07 15:19	0.113	1.6	ppb v/v		1	0.5
o-Xylene	04-MAY-07 15:19	0.49	6.8	µg/m³		1	2.2
Styrene	04-MAY-07 15:19	0.0748	0.31	ppb v/v	J	1	0.5
Styrene	04-MAY-07 15:19	0.32	1.3	µg/m³	J	1	2.1
Bromoform	04-MAY-07 15:19	0.0884	ND	ppb v/v		1	0.5
Bromoform	04-MAY-07 15:19	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	04-MAY-07 15:19	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	04-MAY-07 15:19	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	04-MAY-07 15:19	0.136	ND	ppb v/v		1	0.5

Date Printed.....: 10-MAY-07 10:50
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02348**
DCL Report Group..: **07E-0352-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	04-MAY-07 15:19	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	04-MAY-07 15:19	0.0983	0.44	ppb v/v	J	1	0.5
4-Ethyl toluene	04-MAY-07 15:19	0.48	2.1	µg/m³	J	1	2.5
1,3,5-Trimethylbenzene	04-MAY-07 15:19	0.112	0.60	ppb v/v		1	0.5
1,3,5-Trimethylbenzene	04-MAY-07 15:19	0.55	2.9	µg/m³		1	2.5
1,2,4-Trimethylbenzene	04-MAY-07 15:19	0.117	1.9	ppb v/v		1	0.5
1,2,4-Trimethylbenzene	04-MAY-07 15:19	0.58	9.6	µg/m³		1	2.5
1,3-Dichlorobenzene	04-MAY-07 15:19	0.120	0.38	ppb v/v	J	1	0.5
1,3-Dichlorobenzene	04-MAY-07 15:19	0.72	2.3	µg/m³	J	1	3.0
1,4-Dichlorobenzene	04-MAY-07 15:19	0.0987	0.38	ppb v/v	J	1	0.5
1,4-Dichlorobenzene	04-MAY-07 15:19	0.59	2.3	µg/m³	J	1	3.0
1,2-Dichlorobenzene	04-MAY-07 15:19	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	04-MAY-07 15:19	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	04-MAY-07 15:19	0.115	ND	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	04-MAY-07 15:19	0.85	ND	µg/m³		1	3.7
Hexachlorobutadiene	04-MAY-07 15:19	0.119	ND	ppb v/v		1	0.5
Hexachlorobutadiene	04-MAY-07 15:19	1.3	ND	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Dimethyl Ether(4.54)	04-MAY-07 15:19	4.8	ppb v/v	J	1
Isobutane(4.67)	04-MAY-07 15:19	4.5	ppb v/v	J	1
Butane(4.95)	04-MAY-07 15:19	2.6	ppb v/v	J	1
Ethanol(5.50)	04-MAY-07 15:19	11.	ppb v/v	J	1
Pentane(6.28)	04-MAY-07 15:19	3.2	ppb v/v	J	1
Pentane, 2-methyl-(7.70)	04-MAY-07 15:19	3.9	ppb v/v	J	1
Pentane, 3-methyl-(8.03)	04-MAY-07 15:19	2.6	ppb v/v	J	1
Hexanal(12.67)	04-MAY-07 15:19	3.4	ppb v/v	J	1
Unknown fluorocarbon(13.79)	04-MAY-07 15:19	16.	ppb v/v	J	1
Undecane(18.69)	04-MAY-07 15:19	2.9	ppb v/v	J	1
Dodecane(20.24)	04-MAY-07 15:19	3.5	ppb v/v	J	1

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S074202K

Date Printed.....: 10-MAY-07 10:50

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: 055729
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 055729

Date Received.....: 03-MAY-07 00:00

Client Sample Name: **EPA-16-SS**
DCL Sample Name...: **07E02349**
DCL Report Group..: **07E-0352-01**

Matrix.....: AIR
Date Sampled.....: 01-MAY-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: [X] As Received [ ] Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G074801C
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-O
Column Type.....: DB-1
[X] Primary
[ ] Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	04-MAY-07 16:31	0.180	ND UJ	ppb v/v		1	0.5
Propene	04-MAY-07 16:31	0.31	ND UJ	µg/m³		1	0.86
Dichlorodifluoromethane	04-MAY-07 16:31	0.0669	0.48	ppb v/v	J	1	0.5
Dichlorodifluoromethane	04-MAY-07 16:31	0.33	2.4	µg/m³	J	1	2.5
Chloromethane	04-MAY-07 16:31	0.249	ND UJ	ppb v/v		1	0.5
Chloromethane	04-MAY-07 16:31	0.51	ND UJ	µg/m³		1	1.0
Freon 114	04-MAY-07 16:31	0.156	ND	ppb v/v		1	0.5
Freon 114	04-MAY-07 16:31	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	04-MAY-07 16:31	0.301	ND UJ	ppb v/v		1	0.5
Vinyl Chloride	04-MAY-07 16:31	0.77	ND UJ	µg/m³		1	1.3
1,3-Butadiene	04-MAY-07 16:31	0.346	ND UJ	ppb v/v		1	0.5
1,3-Butadiene	04-MAY-07 16:31	0.77	ND UJ	µg/m³		1	1.1
Bromomethane	04-MAY-07 16:31	0.215	ND UJ	ppb v/v		1	0.5
Bromomethane	04-MAY-07 16:31	0.83	ND UJ	µg/m³		1	1.9
Chloroethane	04-MAY-07 16:31	0.388	ND UJ	ppb v/v		1	0.5
Chloroethane	04-MAY-07 16:31	1.0	ND UJ	µg/m³		1	1.3
Freon 11	04-MAY-07 16:31	0.0921	0.22	ppb v/v	J	1	0.5
Freon 11	04-MAY-07 16:31	0.52	1.2	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	04-MAY-07 16:31	0.102	ND	ppb v/v		1	0.5
cis-1,2-Dichloroethene	04-MAY-07 16:31	0.40	ND	µg/m³		1	2.0
Carbon Disulfide	04-MAY-07 16:31	0.111	0.14	ppb v/v	J	1	0.5
Carbon Disulfide	04-MAY-07 16:31	0.35	0.44	µg/m³	J	1	1.6
Freon 113	04-MAY-07 16:31	0.0950	ND	ppb v/v		1	0.5
Freon 113	04-MAY-07 16:31	0.73	ND	µg/m³		1	3.8
Acetone	04-MAY-07 16:31	0.113	3.7	ppb v/v		1	0.5
Acetone	04-MAY-07 16:31	0.27	8.9	µg/m³		1	1.2
Methylene Chloride	04-MAY-07 16:31	0.168	ND	ppb v/v		1	0.5
Methylene Chloride	04-MAY-07 16:31	0.58	ND	µg/m³		1	1.7
trans-1,2-Dichloroethene	04-MAY-07 16:31	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	04-MAY-07 16:31	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	04-MAY-07 16:31	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	04-MAY-07 16:31	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	04-MAY-07 16:31	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	04-MAY-07 16:31	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	04-MAY-07 16:31	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	04-MAY-07 16:31	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	04-MAY-07 16:31	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	04-MAY-07 16:31	0.43	ND	µg/m³		1	2.0
2-Butanone	04-MAY-07 16:31	0.182	ND	ppb v/v		1	0.5
2-Butanone	04-MAY-07 16:31	0.54	ND	µg/m³		1	1.5
Ethyl Acetate	04-MAY-07 16:31	0.273	ND	ppb v/v		1	0.5

960 West LeVoy Drive / Salt Lake City, Utah 84123-2547
Phone (801) 266-7700 Web Page: www.datachem.com
FAX (801) 268-9992 E-mail: lab@datachem.com

6/6/07

Date Printed.....: 10-MAY-07 10:50
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02349**
DCL Report Group..: **07E-0352-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	04-MAY-07 16:31	0.98	ND	µg/m³		1	1.8
Hexane	04-MAY-07 16:31	0.121	1.4	ppb v/v		1	0.5
Hexane	04-MAY-07 16:31	0.43	4.9	µg/m³		1	1.8
Chloroform	04-MAY-07 16:31	0.115	ND	ppb v/v		1	0.5
Chloroform	04-MAY-07 16:31	0.56	ND	µg/m³		1	2.4
1,1,1-Trichloroethane	04-MAY-07 16:31	0.0725	0.22	ppb v/v	J	1	0.5
1,1,1-Trichloroethane	04-MAY-07 16:31	0.40	1.2	µg/m³	J	1	2.7
Carbon Tetrachloride	04-MAY-07 16:31	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	04-MAY-07 16:31	0.41	ND	µg/m³		1	3.1
Benzene	04-MAY-07 16:31	0.102	0.45	ppb v/v	J	1	0.5
Benzene	04-MAY-07 16:31	0.33	1.4	µg/m³	J	1	1.6
Tetrahydrofuran	04-MAY-07 16:31	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	04-MAY-07 16:31	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	04-MAY-07 16:31	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	04-MAY-07 16:31	0.62	ND	µg/m³		1	2.0
Cyclohexane	04-MAY-07 16:31	0.120	0.52	ppb v/v		1	0.5
Cyclohexane	04-MAY-07 16:31	0.41	1.8	µg/m³		1	1.7
Trichloroethene	04-MAY-07 16:31	0.120	ND	ppb v/v		1	0.5
Trichloroethene	04-MAY-07 16:31	0.64	ND	µg/m³		1	2.7
1,2-Dichloropropane	04-MAY-07 16:31	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	04-MAY-07 16:31	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	04-MAY-07 16:31	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	04-MAY-07 16:31	0.52	ND	µg/m³		1	3.3
Heptane	04-MAY-07 16:31	0.101	1.0	ppb v/v		1	0.5
Heptane	04-MAY-07 16:31	0.41	4.3	µg/m³		1	2.0
cis-1,3-Dichloropropene	04-MAY-07 16:31	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	04-MAY-07 16:31	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	04-MAY-07 16:31	0.116	ND	ppb v/v		1	0.5
4-Methyl-2-Pentanone	04-MAY-07 16:31	0.48	ND	µg/m³		1	2.0
Toluene	04-MAY-07 16:31	0.115	1.4	ppb v/v		1	0.5
Toluene	04-MAY-07 16:31	0.43	5.3	µg/m³		1	1.9
trans-1,3-Dichloropropene	04-MAY-07 16:31	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	04-MAY-07 16:31	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	04-MAY-07 16:31	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	04-MAY-07 16:31	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	04-MAY-07 16:31	0.0847	ND	ppb v/v		1	0.5
Tetrachloroethene	04-MAY-07 16:31	0.57	ND	µg/m³		1	3.4
2-Hexanone	04-MAY-07 16:31	0.136	ND	ppb v/v		1	0.5
2-Hexanone	04-MAY-07 16:31	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	04-MAY-07 16:31	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	04-MAY-07 16:31	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	04-MAY-07 16:31	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	04-MAY-07 16:31	0.91	ND	µg/m³		1	3.8
Chlorobenzene	04-MAY-07 16:31	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	04-MAY-07 16:31	0.41	ND	µg/m³		1	2.3
Ethylbenzene	04-MAY-07 16:31	0.150	0.50	ppb v/v		1	0.5
Ethylbenzene	04-MAY-07 16:31	0.65	2.2	µg/m³		1	2.2
m,p-Xylene	04-MAY-07 16:31	0.213	0.85	ppb v/v	J	1	1.0
m,p-Xylene	04-MAY-07 16:31	0.92	3.7	µg/m³	J	1	4.3
o-Xylene	04-MAY-07 16:31	0.113	0.32	ppb v/v	J	1	0.5
o-Xylene	04-MAY-07 16:31	0.49	1.4	µg/m³	J	1	2.2
Styrene	04-MAY-07 16:31	0.0748	ND	ppb v/v		1	0.5
Styrene	04-MAY-07 16:31	0.32	ND	µg/m³		1	2.1
Bromoform	04-MAY-07 16:31	0.0884	ND	ppb v/v		1	0.5
Bromoform	04-MAY-07 16:31	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	04-MAY-07 16:31	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	04-MAY-07 16:31	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	04-MAY-07 16:31	0.136	ND	ppb v/v		1	0.5

Date Printed.....: 10-MAY-07 10:50
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02349**
DCL Report Group..: **07E-0352-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	04-MAY-07 16:31	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	04-MAY-07 16:31	0.0983	ND	ppb v/v		1	0.5
4-Ethyl toluene	04-MAY-07 16:31	0.48	ND	µg/m³		1	2.5
1,3,5-Trimethylbenzene	04-MAY-07 16:31	0.112	0.14	ppb v/v	J	1	0.5
1,3,5-Trimethylbenzene	04-MAY-07 16:31	0.55	0.67	µg/m³	J	1	2.5
1,2,4-Trimethylbenzene	04-MAY-07 16:31	0.117	0.43	ppb v/v	J	1	0.5
1,2,4-Trimethylbenzene	04-MAY-07 16:31	0.58	2.1	µg/m³	J	1	2.5
1,3-Dichlorobenzene	04-MAY-07 16:31	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	04-MAY-07 16:31	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	04-MAY-07 16:31	0.0987	ND	ppb v/v		1	0.5
1,4-Dichlorobenzene	04-MAY-07 16:31	0.59	ND	µg/m³		1	3.0
1,2-Dichlorobenzene	04-MAY-07 16:31	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	04-MAY-07 16:31	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	04-MAY-07 16:31	0.115	ND	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	04-MAY-07 16:31	0.85	ND	µg/m³		1	3.7
Hexachlorobutadiene	04-MAY-07 16:31	0.119	ND	ppb v/v		1	0.5
Hexachlorobutadiene	04-MAY-07 16:31	1.3	ND	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Ethanol(5.52)	04-MAY-07 16:31	3.4	ppb v/v	J	1
Unknown fluorocarbon(13.79)	04-MAY-07 16:31	21.	ppb v/v	J	1

BEHR VOC PLUME SITE
DAYTON, OHIO
DATA VALIDATION REPORT

Date: June 5, 2007
Laboratory: DataChem Laboratories, Inc. (DataChem), Salt Lake City, Utah
Laboratory SDG #/Set ID #: BEHR/07E-0361-01
Data Validation Performed By: Lisa Graczyk, Dynamac Corporation (Dynamac), subcontractor to Weston Solutions, Inc. (Weston)
Weston Analytical Work Order #/TDD #: 20405.016.003.0121.00/S05-0612-007

This data validation report has been prepared by Dynamac, a Weston subcontractor, under the START III Region V contract. This report documents the data validation of air samples collected for the Behr VOC Plume Site that were analyzed for Volatile Organic Compounds (VOC) by U.S. Environmental Protection Agency (U.S. EPA) method TO-15. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Organic Data Review" dated October 1999.

VOCs in Air by U.S. EPA Method TO15

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
EPA-17-SS	07E02388	Air	05/02/07	NA	05/04/07
EPA-18-SS	07E02389	Air	05/02/07	NA	05/04/07
EPA-19-SS	07E02390	Air	05/02/07	NA	05/04/07
EPA-20-SS	07E02391	Air	05/02/07	NA	05/04/07
EPA-21-SS	07E02392	Air	05/02/07	NA	05/04/07

2. Holding Times

The samples were analyzed within the required holding time limit of 30 days from sample collection in accordance with method TO-15.

3. Instrument Performance Check

The instrument performance check using bromofluorobenzene (BFB) was performed within the 24-hour period for which the samples were analyzed as required for method TO-15. The BFB standard met the ion abundance criteria specified in method TO-15.

4. Initial Calibration

For the initial calibration, the percent relative standard deviations (%RSD) for all compounds were less than 30 percent except for propene. The quantitation limits for propene were flagged "UJ" as estimated for this discrepancy. The average relative response factors were all greater than 0.05.

5. Continuing Calibration

The percent differences (%D) in the continuing calibration standard for all target compounds were within the control limit of less than or equal to 25 percent except for propene. The quantitation limits for propene were flagged "UJ" as estimated for this discrepancy.

6. Blanks

The method blank associated with the samples was free of target compound contamination.

7. Surrogates

The 4-bromofluorobenzene surrogate spike recoveries in the samples were within the quality control (QC) limits.

8. Laboratory Control Sample (LCS)

The LCS recoveries and LCS duplicate recoveries were within the laboratory-established QC limits of 70 to 130 percent recovery except for the following compounds: propene; chloromethane; vinyl chloride; 1,3-butadiene; bromomethane; and chloroethane. These compounds were all detected low. Since these compounds were not detected in the samples, the quantitation limits were flagged "UJ" as estimated for this discrepancy.

9. Internal Standard Results

The internal standard area counts in the samples were within -50 percent to +100 percent of the area counts of the associated continuing calibration standard. The retention time of the internal standards did not vary more than ±30 seconds from the retention time of the associated continuing calibration standard.

10. Target Compound Identification

A spot-check was performed of the mass spectra for detected compounds. The spot-check confirmed compound identification. DataChem appropriately flagged those results detected above the method detection limit but below the quantitation limit as "J" or estimated.

ATTACHMENT

DATACHEM LABORATORIES
RESULTS SUMMARY

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S0743074

Date Printed.....: 10-MAY-07 10:49

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: Not Provided
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 0055729

Date Received.....: 04-MAY-07 00:00

Client Sample Name: **EPA-17-SS**
DCL Sample Name...: **07E02388**
DCL Report Group..: **07E-0361-01**

Matrix.....: AIR
Date Sampled.....: 02-MAY-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G074801D
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-O
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	04-MAY-07 17:43	0.180	ND UJ	ppb v/v		1	0.5
Propene	04-MAY-07 17:43	0.31	ND UJ	µg/m³		1	0.86
Dichlorodifluoromethane	04-MAY-07 17:43	0.0669	0.55	ppb v/v		1	0.5
Dichlorodifluoromethane	04-MAY-07 17:43	0.33	2.7	µg/m³		1	2.5
Chloromethane	04-MAY-07 17:43	0.249	ND UJ	ppb v/v		1	0.5
Chloromethane	04-MAY-07 17:43	0.51	ND UJ	µg/m³		1	1.0
Freon 114	04-MAY-07 17:43	0.156	ND	ppb v/v		1	0.5
Freon 114	04-MAY-07 17:43	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	04-MAY-07 17:43	0.301	ND UJ	ppb v/v		1	0.5
Vinyl Chloride	04-MAY-07 17:43	0.77	ND UJ	µg/m³		1	1.3
1,3-Butadiene	04-MAY-07 17:43	0.346	ND UJ	ppb v/v		1	0.5
1,3-Butadiene	04-MAY-07 17:43	0.77	ND UJ	µg/m³		1	1.1
Bromomethane	04-MAY-07 17:43	0.215	ND UJ	ppb v/v		1	0.5
Bromomethane	04-MAY-07 17:43	0.83	ND UJ	µg/m³		1	1.9
Chloroethane	04-MAY-07 17:43	0.388	ND UJ	ppb v/v		1	0.5
Chloroethane	04-MAY-07 17:43	1.0	ND UJ	µg/m³		1	1.3
Freon 11	04-MAY-07 17:43	0.0921	0.27	ppb v/v	J	1	0.5
Freon 11	04-MAY-07 17:43	0.52	1.5	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	04-MAY-07 17:43	0.102	ND	ppb v/v		1	0.5
cis-1,2-Dichloroethene	04-MAY-07 17:43	0.40	ND	µg/m³		1	2.0
Carbon Disulfide	04-MAY-07 17:43	0.111	0.28	ppb v/v	J	1	0.5
Carbon Disulfide	04-MAY-07 17:43	0.35	0.86	µg/m³	J	1	1.6
Freon 113	04-MAY-07 17:43	0.0950	ND	ppb v/v		1	0.5
Freon 113	04-MAY-07 17:43	0.73	ND	µg/m³		1	3.8
Acetone	04-MAY-07 17:43	0.113	ND	ppb v/v		1	0.5
Acetone	04-MAY-07 17:43	0.27	ND	µg/m³		1	1.2
Methylene Chloride	04-MAY-07 17:43	0.168	ND	ppb v/v		1	0.5
Methylene Chloride	04-MAY-07 17:43	0.58	ND	µg/m³		1	1.7
trans-1,2-Dichloroethene	04-MAY-07 17:43	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	04-MAY-07 17:43	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	04-MAY-07 17:43	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	04-MAY-07 17:43	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	04-MAY-07 17:43	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	04-MAY-07 17:43	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	04-MAY-07 17:43	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	04-MAY-07 17:43	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	04-MAY-07 17:43	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	04-MAY-07 17:43	0.43	ND	µg/m³		1	2.0
2-Butanone	04-MAY-07 17:43	0.182	ND	ppb v/v		1	0.5
2-Butanone	04-MAY-07 17:43	0.54	ND	µg/m³		1	1.5
Ethyl Acetate	04-MAY-07 17:43	0.273	ND	ppb v/v		1	0.5

LH 6/5/07

Date Printed.....: 10-MAY-07 10:49
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02388**
DCL Report Group..: **07E-0361-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	04-MAY-07 17:43	0.98	ND	µg/m³		1	1.8
Hexane	04-MAY-07 17:43	0.121	3.0	ppb v/v		1	0.5
Hexane	04-MAY-07 17:43	0.43	10.	µg/m³		1	1.8
Chloroform	04-MAY-07 17:43	0.115	ND	ppb v/v		1	0.5
Chloroform	04-MAY-07 17:43	0.56	ND	µg/m³		1	2.4
1,1,1-Trichloroethane	04-MAY-07 17:43	0.0725	ND	ppb v/v		1	0.5
1,1,1-Trichloroethane	04-MAY-07 17:43	0.40	ND	µg/m³		1	2.7
Carbon Tetrachloride	04-MAY-07 17:43	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	04-MAY-07 17:43	0.41	ND	µg/m³		1	3.1
Benzene	04-MAY-07 17:43	0.102	0.63	ppb v/v		1	0.5
Benzene	04-MAY-07 17:43	0.33	2.0	µg/m³		1	1.6
Tetrahydrofuran	04-MAY-07 17:43	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	04-MAY-07 17:43	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	04-MAY-07 17:43	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	04-MAY-07 17:43	0.62	ND	µg/m³		1	2.0
Cyclohexane	04-MAY-07 17:43	0.120	1.4	ppb v/v		1	0.5
Cyclohexane	04-MAY-07 17:43	0.41	4.7	µg/m³		1	1.7
Trichloroethene	04-MAY-07 17:43	0.120	ND	ppb v/v		1	0.5
Trichloroethene	04-MAY-07 17:43	0.64	ND	µg/m³		1	2.7
1,2-Dichloropropane	04-MAY-07 17:43	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	04-MAY-07 17:43	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	04-MAY-07 17:43	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	04-MAY-07 17:43	0.52	ND	µg/m³		1	3.3
Heptane	04-MAY-07 17:43	0.101	2.4	ppb v/v		1	0.5
Heptane	04-MAY-07 17:43	0.41	9.7	µg/m³		1	2.0
cis-1,3-Dichloropropene	04-MAY-07 17:43	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	04-MAY-07 17:43	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	04-MAY-07 17:43	0.116	ND	ppb v/v		1	0.5
4-Methyl-2-Pentanone	04-MAY-07 17:43	0.48	ND	µg/m³		1	2.0
Toluene	04-MAY-07 17:43	0.115	2.5	ppb v/v		1	0.5
Toluene	04-MAY-07 17:43	0.43	9.4	µg/m³		1	1.9
trans-1,3-Dichloropropene	04-MAY-07 17:43	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	04-MAY-07 17:43	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	04-MAY-07 17:43	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	04-MAY-07 17:43	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	04-MAY-07 17:43	0.0847	ND	ppb v/v		1	0.5
Tetrachloroethene	04-MAY-07 17:43	0.57	ND	µg/m³		1	3.4
2-Hexanone	04-MAY-07 17:43	0.136	ND	ppb v/v		1	0.5
2-Hexanone	04-MAY-07 17:43	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	04-MAY-07 17:43	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	04-MAY-07 17:43	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	04-MAY-07 17:43	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	04-MAY-07 17:43	0.91	ND	µg/m³		1	3.8
Chlorobenzene	04-MAY-07 17:43	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	04-MAY-07 17:43	0.41	ND	µg/m³		1	2.3
Ethylbenzene	04-MAY-07 17:43	0.150	1.3	ppb v/v		1	0.5
Ethylbenzene	04-MAY-07 17:43	0.65	5.8	µg/m³		1	2.2
m,p-Xylene	04-MAY-07 17:43	0.213	2.1	ppb v/v		1	1.0
m,p-Xylene	04-MAY-07 17:43	0.92	9.1	µg/m³		1	4.3
o-Xylene	04-MAY-07 17:43	0.113	0.96	ppb v/v		1	0.5
o-Xylene	04-MAY-07 17:43	0.49	4.2	µg/m³		1	2.2
Styrene	04-MAY-07 17:43	0.0748	ND	ppb v/v		1	0.5
Styrene	04-MAY-07 17:43	0.32	ND	µg/m³		1	2.1
Bromoform	04-MAY-07 17:43	0.0884	ND	ppb v/v		1	0.5
Bromoform	04-MAY-07 17:43	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	04-MAY-07 17:43	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	04-MAY-07 17:43	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	04-MAY-07 17:43	0.136	ND	ppb v/v		1	0.5

Date Printed.....: 10-MAY-07 10:49
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02388**
DCL Report Group..: **07E-0361-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	04-MAY-07 17:43	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	04-MAY-07 17:43	0.0983	0.25	ppb v/v	J	1	0.5
4-Ethyl toluene	04-MAY-07 17:43	0.48	1.2	µg/m³	J	1	2.5
1,3,5-Trimethylbenzene	04-MAY-07 17:43	0.112	0.36	ppb v/v	J	1	0.5
1,3,5-Trimethylbenzene	04-MAY-07 17:43	0.55	1.8	µg/m³	J	1	2.5
1,2,4-Trimethylbenzene	04-MAY-07 17:43	0.117	1.6	ppb v/v		1	0.5
1,2,4-Trimethylbenzene	04-MAY-07 17:43	0.58	8.1	µg/m³		1	2.5
1,3-Dichlorobenzene	04-MAY-07 17:43	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	04-MAY-07 17:43	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	04-MAY-07 17:43	0.0987	ND	ppb v/v		1	0.5
1,4-Dichlorobenzene	04-MAY-07 17:43	0.59	ND	µg/m³		1	3.0
1,2-Dichlorobenzene	04-MAY-07 17:43	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	04-MAY-07 17:43	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	04-MAY-07 17:43	0.115	ND	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	04-MAY-07 17:43	0.85	ND	µg/m³		1	3.7
Hexachlorobutadiene	04-MAY-07 17:43	0.119	ND	ppb v/v		1	0.5
Hexachlorobutadiene	04-MAY-07 17:43	1.3	ND	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Propane(4.33)	04-MAY-07 17:43	7.7	ppb v/v	J	1
Isobutane(4.66)	04-MAY-07 17:43	2.5	ppb v/v	J	1
Butane(4.95)	04-MAY-07 17:43	3.1	ppb v/v	J	1
Ethanol(5.51)	04-MAY-07 17:43	3.4	ppb v/v	J	1
Pentane(6.29)	04-MAY-07 17:43	3.0	ppb v/v	J	1
Pentane, 2-methyl-(7.70)	04-MAY-07 17:43	2.2	ppb v/v	J	1
CYCLOHEXANE, METHYL-(11.46)	04-MAY-07 17:43	2.7	ppb v/v	J	1
Unknown fluorocarbon(13.80)	04-MAY-07 17:43	31.	ppb v/v	J	1
Nonane(15.16)	04-MAY-07 17:43	2.6	ppb v/v	J	1
Decane(17.00)	04-MAY-07 17:43	3.0	ppb v/v	J	1
Undecane(18.70)	04-MAY-07 17:43	3.7	ppb v/v	J	1
Dodecane(20.25)	04-MAY-07 17:43	3.4	ppb v/v	J	1

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S0743075

Date Printed.....: 10-MAY-07 10:49

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: Not Provided
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 0055729

Date Received.....: 04-MAY-07 00:00

Client Sample Name: **EPA-18-SS**
DCL Sample Name...: **07E02389**
DCL Report Group..: **07E-0361-01**

Matrix.....: AIR
Date Sampled.....: 02-MAY-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G074801D
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-0
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	04-MAY-07 18:52	0.180	ND UJ	ppb v/v		1	0.5
Propene	04-MAY-07 18:52	0.31	ND UJ	µg/m³		1	0.86
Dichlorodifluoromethane	04-MAY-07 18:52	0.0669	0.53	ppb v/v		1	0.5
Dichlorodifluoromethane	04-MAY-07 18:52	0.33	2.6	µg/m³		1	2.5
Chloromethane	04-MAY-07 18:52	0.249	ND UJ	ppb v/v		1	0.5
Chloromethane	04-MAY-07 18:52	0.51	ND UJ	µg/m³		1	1.0
Freon 114	04-MAY-07 18:52	0.156	ND	ppb v/v		1	0.5
Freon 114	04-MAY-07 18:52	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	04-MAY-07 18:52	0.301	ND UJ	ppb v/v		1	0.5
Vinyl Chloride	04-MAY-07 18:52	0.77	ND UJ	µg/m³		1	1.3
1,3-Butadiene	04-MAY-07 18:52	0.346	ND UJ	ppb v/v		1	0.5
1,3-Butadiene	04-MAY-07 18:52	0.77	ND UJ	µg/m³		1	1.1
Bromomethane	04-MAY-07 18:52	0.215	ND UJ	ppb v/v		1	0.5
Bromomethane	04-MAY-07 18:52	0.83	ND UJ	µg/m³		1	1.9
Chloroethane	04-MAY-07 18:52	0.388	ND UJ	ppb v/v		1	0.5
Chloroethane	04-MAY-07 18:52	1.0	ND UJ	µg/m³		1	1.3
Freon 11	04-MAY-07 18:52	0.0921	0.30	ppb v/v	J	1	0.5
Freon 11	04-MAY-07 18:52	0.52	1.7	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	04-MAY-07 18:52	0.102	12.	ppb v/v		1	0.5
cis-1,2-Dichloroethene	04-MAY-07 18:52	0.40	47.	µg/m³		1	2.0
Carbon Disulfide	04-MAY-07 18:52	0.111	0.30	ppb v/v	J	1	0.5
Carbon Disulfide	04-MAY-07 18:52	0.35	0.93	µg/m³	J	1	1.6
Freon 113	04-MAY-07 18:52	0.0950	0.30	ppb v/v	J	1	0.5
Freon 113	04-MAY-07 18:52	0.73	2.3	µg/m³	J	1	3.8
Acetone	04-MAY-07 18:52	0.113	ND	ppb v/v		1	0.5
Acetone	04-MAY-07 18:52	0.27	ND	µg/m³		1	1.2
Methylene Chloride	04-MAY-07 18:52	0.168	ND	ppb v/v		1	0.5
Methylene Chloride	04-MAY-07 18:52	0.58	ND	µg/m³		1	1.7
trans-1,2-Dichloroethene	04-MAY-07 18:52	0.118	1.6	ppb v/v		1	0.5
trans-1,2-Dichloroethene	04-MAY-07 18:52	0.47	6.3	µg/m³		1	2.0
1,1-Dichloroethane	04-MAY-07 18:52	0.116	1.3	ppb v/v		1	0.5
1,1-Dichloroethane	04-MAY-07 18:52	0.47	5.4	µg/m³		1	2.0
Methyl t-Butyl Ether	04-MAY-07 18:52	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	04-MAY-07 18:52	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	04-MAY-07 18:52	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	04-MAY-07 18:52	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	04-MAY-07 18:52	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	04-MAY-07 18:52	0.43	ND	µg/m³		1	2.0
2-Butanone	04-MAY-07 18:52	0.182	ND	ppb v/v		1	0.5
2-Butanone	04-MAY-07 18:52	0.54	ND	µg/m³		1	1.5
Ethyl Acetate	04-MAY-07 18:52	0.273	ND	ppb v/v		1	0.5

Date Printed.....: 10-MAY-07 10:49
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02389**
DCL Report Group..: **07E-0361-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	04-MAY-07 18:52	0.98	ND	µg/m³		1	1.8
Hexane	04-MAY-07 18:52	0.121	3.7	ppb v/v		1	0.5
Hexane	04-MAY-07 18:52	0.43	13.	µg/m³		1	1.8
Chloroform	04-MAY-07 18:52	0.115	1.5	ppb v/v		1	0.5
Chloroform	04-MAY-07 18:52	0.56	7.5	µg/m³		1	2.4
1,1,1-Trichloroethane	04-MAY-07 18:52	0.0725	9.8	ppb v/v		1	0.5
1,1,1-Trichloroethane	04-MAY-07 18:52	0.40	54.	µg/m³		1	2.7
Carbon Tetrachloride	04-MAY-07 18:52	0.0657	0.12	ppb v/v	J	1	0.5
Carbon Tetrachloride	04-MAY-07 18:52	0.41	0.73	µg/m³	J	1	3.1
Benzene	04-MAY-07 18:52	0.102	0.91	ppb v/v		1	0.5
Benzene	04-MAY-07 18:52	0.33	2.9	µg/m³		1	1.6
Tetrahydrofuran	04-MAY-07 18:52	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	04-MAY-07 18:52	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	04-MAY-07 18:52	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	04-MAY-07 18:52	0.62	ND	µg/m³		1	2.0
Cyclohexane	04-MAY-07 18:52	0.120	1.3	ppb v/v		1	0.5
Cyclohexane	04-MAY-07 18:52	0.41	4.6	µg/m³		1	1.7
Trichloroethene	04-MAY-07 18:52	1.2	580	ppb v/v	E	10	5.0
Trichloroethene	04-MAY-07 18:52	6.4	3100	µg/m³	E	10	27.
1,2-Dichloropropane	04-MAY-07 18:52	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	04-MAY-07 18:52	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	04-MAY-07 18:52	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	04-MAY-07 18:52	0.52	ND	µg/m³		1	3.3
Heptane	04-MAY-07 18:52	0.101	2.8	ppb v/v		1	0.5
Heptane	04-MAY-07 18:52	0.41	11.	µg/m³		1	2.0
cis-1,3-Dichloropropene	04-MAY-07 18:52	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	04-MAY-07 18:52	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	04-MAY-07 18:52	0.116	ND	ppb v/v		1	0.5
4-Methyl-2-Pentanone	04-MAY-07 18:52	0.48	ND	µg/m³		1	2.0
Toluene	04-MAY-07 18:52	0.115	3.6	ppb v/v		1	0.5
Toluene	04-MAY-07 18:52	0.43	14.	µg/m³		1	1.9
trans-1,3-Dichloropropene	04-MAY-07 18:52	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	04-MAY-07 18:52	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	04-MAY-07 18:52	0.0972	ND	ppb v/v		1	.0.5
1,1,2-Trichloroethane	04-MAY-07 18:52	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	04-MAY-07 18:52	0.85	670	ppb v/v	E	10	5.0
Tetrachloroethene	04-MAY-07 18:52	5.7	4500	µg/m³	E	10	34.
2-Hexanone	04-MAY-07 18:52	0.136	ND	ppb v/v		1	0.5
2-Hexanone	04-MAY-07 18:52	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	04-MAY-07 18:52	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	04-MAY-07 18:52	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	04-MAY-07 18:52	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	04-MAY-07 18:52	0.91	ND	µg/m³		1	3.8
Chlorobenzene	04-MAY-07 18:52	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	04-MAY-07 18:52	0.41	ND	µg/m³		1	2.3
Ethylbenzene	04-MAY-07 18:52	0.150	1.8	ppb v/v		1	0.5
Ethylbenzene	04-MAY-07 18:52	0.65	8.0	µg/m³		1	2.2
m,p-Xylene	04-MAY-07 18:52	0.213	2.2	ppb v/v		1	1.0
m,p-Xylene	04-MAY-07 18:52	0.92	9.7	µg/m³		1	4.3
o-Xylene	04-MAY-07 18:52	0.113	1.1	ppb v/v		1	0.5
o-Xylene	04-MAY-07 18:52	0.49	4.6	µg/m³		1	2.2
Styrene	04-MAY-07 18:52	0.0748	ND	ppb v/v		1	0.5
Styrene	04-MAY-07 18:52	0.32	ND	µg/m³		1	2.1
Bromoform	04-MAY-07 18:52	0.0884	ND	ppb v/v		1	0.5
Bromoform	04-MAY-07 18:52	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	04-MAY-07 18:52	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	04-MAY-07 18:52	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	04-MAY-07 18:52	0.136	ND	ppb v/v		1	0.5

Date Printed.....: 10-MAY-07 10:49
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02389**
DCL Report Group..: **07E-0361-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	04-MAY-07 18:52	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	04-MAY-07 18:52	0.0983	0.31	ppb v/v	J	1	0.5
4-Ethyl toluene	04-MAY-07 18:52	0.48	1.5	µg/m³	J	1	2.5
1,3,5-Trimethylbenzene	04-MAY-07 18:52	0.112	0.37	ppb v/v	J	1	0.5
1,3,5-Trimethylbenzene	04-MAY-07 18:52	0.55	1.8	µg/m³	J	1	2.5
1,2,4-Trimethylbenzene	04-MAY-07 18:52	0.117	1.7	ppb v/v		1	0.5
1,2,4-Trimethylbenzene	04-MAY-07 18:52	0.58	8.3	µg/m³		1	2.5
1,3-Dichlorobenzene	04-MAY-07 18:52	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	04-MAY-07 18:52	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	04-MAY-07 18:52	0.0987	ND	ppb v/v		1	0.5
1,4-Dichlorobenzene	04-MAY-07 18:52	0.59	ND	µg/m³		1	3.0
1,2-Dichlorobenzene	04-MAY-07 18:52	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	04-MAY-07 18:52	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	04-MAY-07 18:52	0.115	ND	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	04-MAY-07 18:52	0.85	ND	µg/m³		1	3.7
Hexachlorobutadiene	04-MAY-07 18:52	0.119	ND	ppb v/v		1	0.5
Hexachlorobutadiene	04-MAY-07 18:52	1.3	ND	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Isobutane(4.66)	04-MAY-07 18:52	3.1	ppb v/v	J	1
Butane(4.94)	04-MAY-07 18:52	3.4	ppb v/v	J	1
Ethanol(5.53)	04-MAY-07 18:52	4.3	ppb v/v	J	1
Butane, 2-methyl-(5.86)	04-MAY-07 18:52	2.6	ppb v/v	J	1
Pentane(6.29)	04-MAY-07 18:52	4.6	ppb v/v	J	1
Pentane, 2-methyl-(7.71)	04-MAY-07 18:52	2.7	ppb v/v	J	1
CYCLOHEXANE, METHYL-(11.47)	04-MAY-07 18:52	3.8	ppb v/v	J	1
Unknown fluorocarbon(13.79)	04-MAY-07 18:52	16.	ppb v/v	J	1

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S0743076

Date Printed.....: 10-MAY-07 10:49

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: Not Provided
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 0055729

Date Received.....: 04-MAY-07 00:00

Client Sample Name: **EPA-19-SS**
DCL Sample Name...: **07E02390**
DCL Report Group..: **07E-0361-01**

Matrix.....: AIR
Date Sampled.....: 02-MAY-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G074801D
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-0
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	04-MAY-07 20:00	0.180	ND UJ	ppb v/v		1	0.5
Propene	04-MAY-07 20:00	0.31	ND UJ	µg/m³		1	0.86
Dichlorodifluoromethane	04-MAY-07 20:00	0.0669	0.63	ppb v/v		1	0.5
Dichlorodifluoromethane	04-MAY-07 20:00	0.33	3.1	µg/m³		1	2.5
Chloromethane	04-MAY-07 20:00	0.249	ND UJ	ppb v/v		1	0.5
Chloromethane	04-MAY-07 20:00	0.51	ND UJ	µg/m³		1	1.0
Freon 114	04-MAY-07 20:00	0.156	ND	ppb v/v		1	0.5
Freon 114	04-MAY-07 20:00	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	04-MAY-07 20:00	0.301	ND UJ	ppb v/v		1	0.5
Vinyl Chloride	04-MAY-07 20:00	0.77	ND UJ	µg/m³		1	1.3
1,3-Butadiene	04-MAY-07 20:00	0.346	ND UJ	ppb v/v		1	0.5
1,3-Butadiene	04-MAY-07 20:00	0.77	ND UJ	µg/m³		1	1.1
Bromomethane	04-MAY-07 20:00	0.215	ND UJ	ppb v/v		1	0.5
Bromomethane	04-MAY-07 20:00	0.83	ND UJ	µg/m³		1	1.9
Chloroethane	04-MAY-07 20:00	0.388	ND UJ	ppb v/v		1	0.5
Chloroethane	04-MAY-07 20:00	1.0	ND UJ	µg/m³		1	1.3
Freon 11	04-MAY-07 20:00	0.0921	0.44	ppb v/v	J	1	0.5
Freon 11	04-MAY-07 20:00	0.52	2.5	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	04-MAY-07 20:00	0.102	ND	ppb v/v		1	0.5
cis-1,2-Dichloroethene	04-MAY-07 20:00	0.40	ND	µg/m³		1	2.0
Carbon Disulfide	04-MAY-07 20:00	0.111	0.26	ppb v/v	J	1	0.5
Carbon Disulfide	04-MAY-07 20:00	0.35	0.80	µg/m³	J	1	1.6
Freon 113	04-MAY-07 20:00	0.0950	ND	ppb v/v		1	0.5
Freon 113	04-MAY-07 20:00	0.73	ND	µg/m³		1	3.8
Acetone	04-MAY-07 20:00	0.113	17.	ppb v/v		1	0.5
Acetone	04-MAY-07 20:00	0.27	39.	µg/m³		1	1.2
Methylene Chloride	04-MAY-07 20:00	0.168	ND	ppb v/v		1	0.5
Methylene Chloride	04-MAY-07 20:00	0.58	ND	µg/m³		1	1.7
trans-1,2-Dichloroethene	04-MAY-07 20:00	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	04-MAY-07 20:00	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	04-MAY-07 20:00	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	04-MAY-07 20:00	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	04-MAY-07 20:00	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	04-MAY-07 20:00	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	04-MAY-07 20:00	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	04-MAY-07 20:00	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	04-MAY-07 20:00	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	04-MAY-07 20:00	0.43	ND	µg/m³		1	2.0
2-Butanone	04-MAY-07 20:00	0.182	ND	ppb v/v		1	0.5
2-Butanone	04-MAY-07 20:00	0.54	ND	µg/m³		1	1.5
Ethyl Acetate	04-MAY-07 20:00	0.273	ND	ppb v/v		1	0.5

JB 6/5/07

Date Printed.....: 10-MAY-07 10:49
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02390**
DCL Report Group..: **07E-0361-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	04-MAY-07 20:00	0.98	ND	µg/m³		1	1.8
Hexane	04-MAY-07 20:00	0.121	2.2	ppb v/v		1	0.5
Hexane	04-MAY-07 20:00	0.43	7.7	µg/m³		1	1.8
Chloroform	04-MAY-07 20:00	0.115	0.94	ppb v/v		1	0.5
Chloroform	04-MAY-07 20:00	0.56	4.6	µg/m³		1	2.4
1,1,1-Trichloroethane	04-MAY-07 20:00	0.0725	ND	ppb v/v		1	0.5
1,1,1-Trichloroethane	04-MAY-07 20:00	0.40	ND	µg/m³		1	2.7
Carbon Tetrachloride	04-MAY-07 20:00	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	04-MAY-07 20:00	0.41	ND	µg/m³		1	3.1
Benzene	04-MAY-07 20:00	0.102	0.61	ppb v/v		1	0.5
Benzene	04-MAY-07 20:00	0.33	1.9	µg/m³		1	1.6
Tetrahydrofuran	04-MAY-07 20:00	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	04-MAY-07 20:00	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	04-MAY-07 20:00	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	04-MAY-07 20:00	0.62	ND	µg/m³		1	2.0
Cyclohexane	04-MAY-07 20:00	0.120	0.80	ppb v/v		1	0.5
Cyclohexane	04-MAY-07 20:00	0.41	2.8	µg/m³		1	1.7
Trichloroethene	04-MAY-07 20:00	0.120	0.53	ppb v/v		1	0.5
Trichloroethene	04-MAY-07 20:00	0.64	2.8	µg/m³		1	2.7
1,2-Dichloropropane	04-MAY-07 20:00	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	04-MAY-07 20:00	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	04-MAY-07 20:00	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	04-MAY-07 20:00	0.52	ND	µg/m³		1	3.3
Heptane	04-MAY-07 20:00	0.101	1.7	ppb v/v		1	0.5
Heptane	04-MAY-07 20:00	0.41	6.9	µg/m³		1	2.0
cis-1,3-Dichloropropene	04-MAY-07 20:00	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	04-MAY-07 20:00	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	04-MAY-07 20:00	0.116	ND	ppb v/v		1	0.5
4-Methyl-2-Pentanone	04-MAY-07 20:00	0.48	ND	µg/m³		1	2.0
Toluene	04-MAY-07 20:00	0.115	2.6	ppb v/v		1	0.5
Toluene	04-MAY-07 20:00	0.43	9.8	µg/m³		1	1.9
trans-1,3-Dichloropropene	04-MAY-07 20:00	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	04-MAY-07 20:00	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	04-MAY-07 20:00	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	04-MAY-07 20:00	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	04-MAY-07 20:00	0.0847	0.85	ppb v/v		1	0.5
Tetrachloroethene	04-MAY-07 20:00	0.57	5.8	µg/m³		1	3.4
2-Hexanone	04-MAY-07 20:00	0.136	ND	ppb v/v		1	0.5
2-Hexanone	04-MAY-07 20:00	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	04-MAY-07 20:00	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	04-MAY-07 20:00	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	04-MAY-07 20:00	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	04-MAY-07 20:00	0.91	ND	µg/m³		1	3.8
Chlorobenzene	04-MAY-07 20:00	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	04-MAY-07 20:00	0.41	ND	µg/m³		1	2.3
Ethylbenzene	04-MAY-07 20:00	0.150	0.99	ppb v/v		1	0.5
Ethylbenzene	04-MAY-07 20:00	0.65	4.3	µg/m³		1	2.2
m,p-Xylene	04-MAY-07 20:00	0.213	1.4	ppb v/v		1	1.0
m,p-Xylene	04-MAY-07 20:00	0.92	6.0	µg/m³		1	4.3
o-Xylene	04-MAY-07 20:00	0.113	0.57	ppb v/v		1	0.5
o-Xylene	04-MAY-07 20:00	0.49	2.5	µg/m³		1	2.2
Styrene	04-MAY-07 20:00	0.0748	ND	ppb v/v		1	0.5
Styrene	04-MAY-07 20:00	0.32	ND	µg/m³		1	2.1
Bromoform	04-MAY-07 20:00	0.0884	ND	ppb v/v		1	0.5
Bromoform	04-MAY-07 20:00	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	04-MAY-07 20:00	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	04-MAY-07 20:00	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	04-MAY-07 20:00	0.136	ND	ppb v/v		1	0.5

Date Printed.....: 10-MAY-07 10:49
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02390**
DCL Report Group..: **07E-0361-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	04-MAY-07 20:00	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	04-MAY-07 20:00	0.0983	ND	ppb v/v		1	0.5
4-Ethyl toluene	04-MAY-07 20:00	0.48	ND	µg/m³		1	2.5
1,3,5-Trimethylbenzene	04-MAY-07 20:00	0.112	ND	ppb v/v		1	0.5
1,3,5-Trimethylbenzene	04-MAY-07 20:00	0.55	ND	µg/m³		1	2.5
1,2,4-Trimethylbenzene	04-MAY-07 20:00	0.117	0.28	ppb v/v	J	1	0.5
1,2,4-Trimethylbenzene	04-MAY-07 20:00	0.58	1.4	µg/m³	J	1	2.5
1,3-Dichlorobenzene	04-MAY-07 20:00	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	04-MAY-07 20:00	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	04-MAY-07 20:00	0.0987	ND	ppb v/v		1	0.5
1,4-Dichlorobenzene	04-MAY-07 20:00	0.59	ND	µg/m³		1	3.0
1,2-Dichlorobenzene	04-MAY-07 20:00	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	04-MAY-07 20:00	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	04-MAY-07 20:00	0.115	ND	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	04-MAY-07 20:00	0.85	ND	µg/m³		1	3.7
Hexachlorobutadiene	04-MAY-07 20:00	0.119	ND	ppb v/v		1	0.5
Hexachlorobutadiene	04-MAY-07 20:00	1.3	ND	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Ethanol(5.51)	04-MAY-07 20:00	10.	ppb v/v	J	1

SAMPLE ANALYSIS DATA SHEET

Date Printed.....: 10-MAY-07 10:49

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: Not Provided
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 0055729

Date Received.....: 04-MAY-07 00:00

Client Sample Name: **EPA-20-SS**
DCL Sample Name...: **07E02391**
DCL Report Group..: **07E-0361-01**

Matrix.....: AIR
Date Sampled.....: 02-MAY-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G074801D
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-0
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	04-MAY-07 21:10	0.180	ND UJ	ppb v/v		1	0.5
Propene	04-MAY-07 21:10	0.31	ND UJ	µg/m³		1	0.86
Dichlorodifluoromethane	04-MAY-07 21:10	0.0669	0.50	ppb v/v	J	1	0.5
Dichlorodifluoromethane	04-MAY-07 21:10	0.33	2.5	µg/m³	J	1	2.5
Chloromethane	04-MAY-07 21:10	0.249	ND UJ	ppb v/v		1	0.5
Chloromethane	04-MAY-07 21:10	0.51	ND UJ	µg/m³		1	1.0
Freon 114	04-MAY-07 21:10	0.156	ND	ppb v/v		1	0.5
Freon 114	04-MAY-07 21:10	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	04-MAY-07 21:10	0.301	ND UJ	ppb v/v		1	0.5
Vinyl Chloride	04-MAY-07 21:10	0.77	ND UJ	µg/m³		1	1.3
1,3-Butadiene	04-MAY-07 21:10	0.346	ND UJ	ppb v/v		1	0.5
1,3-Butadiene	04-MAY-07 21:10	0.77	ND UJ	µg/m³		1	1.1
Bromomethane	04-MAY-07 21:10	0.215	ND UJ	ppb v/v		1	0.5
Bromomethane	04-MAY-07 21:10	0.83	ND UJ	µg/m³		1	1.9
Chloroethane	04-MAY-07 21:10	0.388	ND UJ	ppb v/v		1	0.5
Chloroethane	04-MAY-07 21:10	1.0	ND UJ	µg/m³		1	1.3
Freon 11	04-MAY-07 21:10	0.0921	0.19	ppb v/v	J	1	0.5
Freon 11	04-MAY-07 21:10	0.52	1.1	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	04-MAY-07 21:10	0.102	ND	ppb v/v		1	0.5
cis-1,2-Dichloroethene	04-MAY-07 21:10	0.40	ND	µg/m³		1	2.0
Carbon Disulfide	04-MAY-07 21:10	0.111	0.32	ppb v/v	J	1	0.5
Carbon Disulfide	04-MAY-07 21:10	0.35	1.0	µg/m³	J	1	1.6
Freon 113	04-MAY-07 21:10	0.0950	ND	ppb v/v		1	0.5
Freon 113	04-MAY-07 21:10	0.73	ND	µg/m³		1	3.8
Acetone	04-MAY-07 21:10	0.113	6.9	ppb v/v		1	0.5
Acetone	04-MAY-07 21:10	0.27	16.	µg/m³		1	1.2
Methylene Chloride	04-MAY-07 21:10	0.168	0.24	ppb v/v	J	1	0.5
Methylene Chloride	04-MAY-07 21:10	0.58	0.83	µg/m³	J	1	1.7
trans-1,2-Dichloroethene	04-MAY-07 21:10	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	04-MAY-07 21:10	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	04-MAY-07 21:10	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	04-MAY-07 21:10	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	04-MAY-07 21:10	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	04-MAY-07 21:10	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	04-MAY-07 21:10	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	04-MAY-07 21:10	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	04-MAY-07 21:10	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	04-MAY-07 21:10	0.43	ND	µg/m³		1	2.0
2-Butanone	04-MAY-07 21:10	0.182	ND	ppb v/v		1	0.5
2-Butanone	04-MAY-07 21:10	0.54	ND	µg/m³		1	1.5
Ethyl Acetate	04-MAY-07 21:10	0.273	ND	ppb v/v		1	0.5

Date Printed.....: 10-MAY-07 10:49
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02391**
DCL Report Group..: **07E-0361-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	04-MAY-07 21:10	0.98	ND	µg/m³		1	1.8
Hexane	04-MAY-07 21:10	0.121	1.9	ppb v/v		1	0.5
Hexane	04-MAY-07 21:10	0.43	6.5	µg/m³		1	1.8
Chloroform	04-MAY-07 21:10	0.115	ND	ppb v/v		1	0.5
Chloroform	04-MAY-07 21:10	0.56	ND	µg/m³		1	2.4
1,1,1-Trichloroethane	04-MAY-07 21:10	0.0725	1.9	ppb v/v		1	0.5
1,1,1-Trichloroethane	04-MAY-07 21:10	0.40	10.	µg/m³		1	2.7
Carbon Tetrachloride	04-MAY-07 21:10	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	04-MAY-07 21:10	0.41	ND	µg/m³		1	3.1
Benzene	04-MAY-07 21:10	0.102	0.28	ppb v/v	J	1	0.5
Benzene	04-MAY-07 21:10	0.33	0.89	µg/m³	J	1	1.6
Tetrahydrofuran	04-MAY-07 21:10	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	04-MAY-07 21:10	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	04-MAY-07 21:10	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	04-MAY-07 21:10	0.62	ND	µg/m³		1	2.0
Cyclohexane	04-MAY-07 21:10	0.120	0.85	ppb v/v		1	0.5
Cyclohexane	04-MAY-07 21:10	0.41	2.9	µg/m³		1	1.7
Trichloroethene	04-MAY-07 21:10	0.120	ND	ppb v/v		1	0.5
Trichloroethene	04-MAY-07 21:10	0.64	ND	µg/m³		1	2.7
1,2-Dichloropropane	04-MAY-07 21:10	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	04-MAY-07 21:10	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	04-MAY-07 21:10	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	04-MAY-07 21:10	0.52	ND	µg/m³		1	3.3
Heptane	04-MAY-07 21:10	0.101	1.3	ppb v/v		1	0.5
Heptane	04-MAY-07 21:10	0.41	5.4	µg/m³		1	2.0
cis-1,3-Dichloropropene	04-MAY-07 21:10	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	04-MAY-07 21:10	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	04-MAY-07 21:10	0.116	ND	ppb v/v		1	0.5
4-Methyl-2-Pentanone	04-MAY-07 21:10	0.48	ND	µg/m³		1	2.0
Toluene	04-MAY-07 21:10	0.115	1.2	ppb v/v		1	0.5
Toluene	04-MAY-07 21:10	0.43	4.6	µg/m³		1	1.9
trans-1,3-Dichloropropene	04-MAY-07 21:10	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	04-MAY-07 21:10	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	04-MAY-07 21:10	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	04-MAY-07 21:10	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	04-MAY-07 21:10	0.0847	0.88	ppb v/v		1	0.5
Tetrachloroethene	04-MAY-07 21:10	0.57	6.0	µg/m³		1	3.4
2-Hexanone	04-MAY-07 21:10	0.136	ND	ppb v/v		1	0.5
2-Hexanone	04-MAY-07 21:10	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	04-MAY-07 21:10	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	04-MAY-07 21:10	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	04-MAY-07 21:10	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	04-MAY-07 21:10	0.91	ND	µg/m³		1	3.8
Chlorobenzene	04-MAY-07 21:10	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	04-MAY-07 21:10	0.41	ND	µg/m³		1	2.3
Ethylbenzene	04-MAY-07 21:10	0.150	0.62	ppb v/v		1	0.5
Ethylbenzene	04-MAY-07 21:10	0.65	2.7	µg/m³		1	2.2
m,p-Xylene	04-MAY-07 21:10	0.213	0.93	ppb v/v	J	1	1.0
m,p-Xylene	04-MAY-07 21:10	0.92	4.0	µg/m³	J	1	4.3
o-Xylene	04-MAY-07 21:10	0.113	0.36	ppb v/v	J	1	0.5
o-Xylene	04-MAY-07 21:10	0.49	1.6	µg/m³	J	1	2.2
Styrene	04-MAY-07 21:10	0.0748	ND	ppb v/v		1	0.5
Styrene	04-MAY-07 21:10	0.32	ND	µg/m³		1	2.1
Bromoform	04-MAY-07 21:10	0.0884	ND	ppb v/v		1	0.5
Bromoform	04-MAY-07 21:10	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	04-MAY-07 21:10	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	04-MAY-07 21:10	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	04-MAY-07 21:10	0.136	ND	ppb v/v		1	0.5

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S0743077

Date Printed.....: 10-MAY-07 10:49
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02391**
DCL Report Group..: **07E-0361-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	04-MAY-07 21:10	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	04-MAY-07 21:10	0.0983	ND	ppb v/v		1	0.5
4-Ethyl toluene	04-MAY-07 21:10	0.48	ND	µg/m³		1	2.5
1,3,5-Trimethylbenzene	04-MAY-07 21:10	0.112	0.12	ppb v/v	J	1	0.5
1,3,5-Trimethylbenzene	04-MAY-07 21:10	0.55	0.59	µg/m³	J	1	2.5
1,2,4-Trimethylbenzene	04-MAY-07 21:10	0.117	0.48	ppb v/v	J	1	0.5
1,2,4-Trimethylbenzene	04-MAY-07 21:10	0.58	2.3	µg/m³	J	1	2.5
1,3-Dichlorobenzene	04-MAY-07 21:10	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	04-MAY-07 21:10	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	04-MAY-07 21:10	0.0987	0.16	ppb v/v	J	1	0.5
1,4-Dichlorobenzene	04-MAY-07 21:10	0.59	0.97	µg/m³	J	1	3.0
1,2-Dichlorobenzene	04-MAY-07 21:10	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	04-MAY-07 21:10	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	04-MAY-07 21:10	0.115	ND	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	04-MAY-07 21:10	0.85	ND	µg/m³		1	3.7
Hexachlorobutadiene	04-MAY-07 21:10	0.119	ND	ppb v/v		1	0.5
Hexachlorobutadiene	04-MAY-07 21:10	1.3	ND	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Unknown fluorocarbon(4.54)	04-MAY-07 21:10	2.2	ppb v/v	J	1
Isobutane(4.65)	04-MAY-07 21:10	3.7	ppb v/v	J	1
Butane(4.93)	04-MAY-07 21:10	2.4	ppb v/v	J	1
Ethanol(5.48)	04-MAY-07 21:10	4.8	ppb v/v	J	1
Unknown fluorocarbon(13.78)	04-MAY-07 21:10	25.	ppb v/v	J	1

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S0743078

Date Printed.....: 10-MAY-07 10:49

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: Not Provided
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 0055729

Date Received.....: 04-MAY-07 00:00

Client Sample Name: **EPA-21-SS**
DCL Sample Name...: **07E02392**
DCL Report Group..: **07E-0361-01**

Matrix.....: AIR
Date Sampled.....: 02-MAY-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G074801D
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-O
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	04-MAY-07 22:21	0.180	ND UJ	ppb v/v		1	0.5
Propene	04-MAY-07 22:21	0.31	ND UJ	µg/m³		1	0.86
Dichlorodifluoromethane	04-MAY-07 22:21	0.0669	0.49	ppb v/v	J	1	0.5
Dichlorodifluoromethane	04-MAY-07 22:21	0.33	2.4	µg/m³	J	1	2.5
Chloromethane	04-MAY-07 22:21	0.249	ND UJ	ppb v/v		1	0.5
Chloromethane	04-MAY-07 22:21	0.51	ND UJ	µg/m³		1	1.0
Freon 114	04-MAY-07 22:21	0.156	ND	ppb v/v		1	0.5
Freon 114	04-MAY-07 22:21	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	04-MAY-07 22:21	0.301	ND UJ	ppb v/v		1	0.5
Vinyl Chloride	04-MAY-07 22:21	0.77	ND UJ	µg/m³		1	1.3
1,3-Butadiene	04-MAY-07 22:21	0.346	ND UJ	ppb v/v		1	0.5
1,3-Butadiene	04-MAY-07 22:21	0.77	ND UJ	µg/m³		1	1.1
Bromomethane	04-MAY-07 22:21	0.215	ND UJ	ppb v/v		1	0.5
Bromomethane	04-MAY-07 22:21	0.83	ND UJ	µg/m³		1	1.9
Chloroethane	04-MAY-07 22:21	0.388	ND UJ	ppb v/v		1	0.5
Chloroethane	04-MAY-07 22:21	1.0	ND UJ	µg/m³		1	1.3
Freon 11	04-MAY-07 22:21	0.0921	0.22	ppb v/v	J	1	0.5
Freon 11	04-MAY-07 22:21	0.52	1.2	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	04-MAY-07 22:21	0.102	ND	ppb v/v		1	0.5
cis-1,2-Dichloroethene	04-MAY-07 22:21	0.40	ND	µg/m³		1	2.0
Carbon Disulfide	04-MAY-07 22:21	0.111	ND	ppb v/v		1	0.5
Carbon Disulfide	04-MAY-07 22:21	0.35	ND	µg/m³		1	1.6
Freon 113	04-MAY-07 22:21	0.0950	ND	ppb v/v		1	0.5
Freon 113	04-MAY-07 22:21	0.73	ND	µg/m³		1	3.8
Acetone	04-MAY-07 22:21	0.113	5.8	ppb v/v		1	0.5
Acetone	04-MAY-07 22:21	0.27	14.	µg/m³		1	1.2
Methylene Chloride	04-MAY-07 22:21	0.168	ND	ppb v/v		1	0.5
Methylene Chloride	04-MAY-07 22:21	0.58	ND	µg/m³		1	1.7
trans-1,2-Dichloroethene	04-MAY-07 22:21	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	04-MAY-07 22:21	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	04-MAY-07 22:21	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	04-MAY-07 22:21	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	04-MAY-07 22:21	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	04-MAY-07 22:21	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	04-MAY-07 22:21	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	04-MAY-07 22:21	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	04-MAY-07 22:21	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	04-MAY-07 22:21	0.43	ND	µg/m³		1	2.0
2-Butanone	04-MAY-07 22:21	0.182	ND	ppb v/v		1	0.5
2-Butanone	04-MAY-07 22:21	0.54	ND	µg/m³		1	1.5
Ethyl Acetate	04-MAY-07 22:21	0.273	ND	ppb v/v		1	0.5

Date Printed.....: 10-MAY-07 10:49
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02392**
DCL Report Group..: **07E-0361-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	04-MAY-07 22:21	0.98	ND	µg/m³		1	1.8
Hexane	04-MAY-07 22:21	0.121	1.0	ppb v/v		1	0.5
Hexane	04-MAY-07 22:21	0.43	3.6	µg/m³		1	1.8
Chloroform	04-MAY-07 22:21	0.115	ND	ppb v/v		1	0.5
Chloroform	04-MAY-07 22:21	0.56	ND	µg/m³		1	2.4
1,1,1-Trichloroethane	04-MAY-07 22:21	0.0725	ND	ppb v/v		1	0.5
1,1,1-Trichloroethane	04-MAY-07 22:21	0.40	ND	µg/m³		1	2.7
Carbon Tetrachloride	04-MAY-07 22:21	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	04-MAY-07 22:21	0.41	ND	µg/m³		1	3.1
Benzene	04-MAY-07 22:21	0.102	0.32	ppb v/v	J	1	0.5
Benzene	04-MAY-07 22:21	0.33	1.0	µg/m³	J	1	1.6
Tetrahydrofuran	04-MAY-07 22:21	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	04-MAY-07 22:21	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	04-MAY-07 22:21	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	04-MAY-07 22:21	0.62	ND	µg/m³		1	2.0
Cyclohexane	04-MAY-07 22:21	0.120	0.51	ppb v/v		1	0.5
Cyclohexane	04-MAY-07 22:21	0.41	1.7	µg/m³		1	1.7
Trichloroethene	04-MAY-07 22:21	0.120	ND	ppb v/v		1	0.5
Trichloroethene	04-MAY-07 22:21	0.64	ND	µg/m³		1	2.7
1,2-Dichloropropane	04-MAY-07 22:21	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	04-MAY-07 22:21	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	04-MAY-07 22:21	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	04-MAY-07 22:21	0.52	ND	µg/m³		1	3.3
Heptane	04-MAY-07 22:21	0.101	0.86	ppb v/v		1	0.5
Heptane	04-MAY-07 22:21	0.41	3.5	µg/m³		1	2.0
cis-1,3-Dichloropropene	04-MAY-07 22:21	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	04-MAY-07 22:21	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	04-MAY-07 22:21	0.116	ND	ppb v/v		1	0.5
4-Methyl-2-Pentanone	04-MAY-07 22:21	0.48	ND	µg/m³		1	2.0
Toluene	04-MAY-07 22:21	0.115	1.2	ppb v/v		1	0.5
Toluene	04-MAY-07 22:21	0.43	4.6	µg/m³		1	1.9
trans-1,3-Dichloropropene	04-MAY-07 22:21	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	04-MAY-07 22:21	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	04-MAY-07 22:21	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	04-MAY-07 22:21	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	04-MAY-07 22:21	0.0847	0.15	ppb v/v	J	1	0.5
Tetrachloroethene	04-MAY-07 22:21	0.57	1.0	µg/m³	J	1	3.4
2-Hexanone	04-MAY-07 22:21	0.136	ND	ppb v/v		1	0.5
2-Hexanone	04-MAY-07 22:21	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	04-MAY-07 22:21	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	04-MAY-07 22:21	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	04-MAY-07 22:21	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	04-MAY-07 22:21	0.91	ND	µg/m³		1	3.8
Chlorobenzene	04-MAY-07 22:21	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	04-MAY-07 22:21	0.41	ND	µg/m³		1	2.3
Ethylbenzene	04-MAY-07 22:21	0.150	0.50	ppb v/v		1	0.5
Ethylbenzene	04-MAY-07 22:21	0.65	2.2	µg/m³		1	2.2
m,p-Xylene	04-MAY-07 22:21	0.213	0.94	ppb v/v	J	1	1.0
m,p-Xylene	04-MAY-07 22:21	0.92	4.1	µg/m³	J	1	4.3
o-Xylene	04-MAY-07 22:21	0.113	0.50	ppb v/v	J	1	0.5
o-Xylene	04-MAY-07 22:21	0.49	2.2	µg/m³	J	1	2.2
Styrene	04-MAY-07 22:21	0.0748	ND	ppb v/v		1	0.5
Styrene	04-MAY-07 22:21	0.32	ND	µg/m³		1	2.1
Bromoform	04-MAY-07 22:21	0.0884	ND	ppb v/v		1	0.5
Bromoform	04-MAY-07 22:21	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	04-MAY-07 22:21	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	04-MAY-07 22:21	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	04-MAY-07 22:21	0.136	ND	ppb v/v		1	0.5

SAMPLE ANALYSIS DATA SHEET

Date Printed.....: 10-MAY-07 10:49
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02392**
DCL Report Group..: **07E-0361-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	04-MAY-07 22:21	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	04-MAY-07 22:21	0.0983	ND	ppb v/v		1	0.5
4-Ethyl toluene	04-MAY-07 22:21	0.48	ND	µg/m³		1	2.5
1,3,5-Trimethylbenzene	04-MAY-07 22:21	0.112	0.15	ppb v/v	J	1	0.5
1,3,5-Trimethylbenzene	04-MAY-07 22:21	0.55	0.76	µg/m³	J	1	2.5
1,2,4-Trimethylbenzene	04-MAY-07 22:21	0.117	0.64	ppb v/v		1	0.5
1,2,4-Trimethylbenzene	04-MAY-07 22:21	0.58	3.2	µg/m³		1	2.5
1,3-Dichlorobenzene	04-MAY-07 22:21	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	04-MAY-07 22:21	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	04-MAY-07 22:21	0.0987	ND	ppb v/v		1	0.5
1,4-Dichlorobenzene	04-MAY-07 22:21	0.59	ND	µg/m³		1	3.0
1,2-Dichlorobenzene	04-MAY-07 22:21	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	04-MAY-07 22:21	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	04-MAY-07 22:21	0.115	ND	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	04-MAY-07 22:21	0.85	ND	µg/m³		1	3.7
Hexachlorobutadiene	04-MAY-07 22:21	0.119	ND	ppb v/v		1	0.5
Hexachlorobutadiene	04-MAY-07 22:21	1.3	ND	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Unknown fluorocarbon(4.55)	04-MAY-07 22:21	2.7	ppb v/v	J	1
Isobutane(4.65)	04-MAY-07 22:21	2.3	ppb v/v	J	1
Ethanol(5.46)	04-MAY-07 22:21	5.6	ppb v/v	J	1
Unknown fluorocarbon(13.78)	04-MAY-07 22:21	7.9	ppb v/v	J	1

BEHR VOC PLUME SITE
DAYTON, OHIO
DATA VALIDATION REPORT

Date: June 5, 2007
Laboratory: DataChem Laboratories, Inc. (DataChem), Salt Lake City, Utah
Laboratory SDG #/Set ID #: BEHR/07E-0367-01
Data Validation Performed By: Lisa Graczyk, Dynamac Corporation (Dynamac), subcontractor to Weston Solutions, Inc. (Weston)
Weston Analytical Work Order #/TDD #: 20405.016.003.0121.00/S05-0612-007

This data validation report has been prepared by Dynamac, a Weston subcontractor, under the START III Region V contract. This report documents the data validation of air samples collected for the Behr VOC Plume Site that were analyzed for Volatile Organic Compounds (VOC) by U.S. Environmental Protection Agency (U.S. EPA) method TO-15. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Organic Data Review" dated October 1999.

VOCs in Air by U.S. EPA Method TO15

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
EPA-22-IA	07E02430	Air	05/03/07	NA	05/08/07
EPA-23-SS	07E02431	Air	05/03/07	NA	05/08/07
EPA-24-SS	07E02432	Air	05/03/07	NA	05/08/07
EPA-25-SS	07E02433	Air	05/03/07	NA	05/10/07

2. Holding Times

The samples were analyzed within the required holding time limit of 30 days from sample collection in accordance with method TO-15.

3. Instrument Performance Check

The instrument performance check using bromofluorobenzene (BFB) was performed within the 24-hour period for which the samples were analyzed as required for method TO-15. The BFB standard met the ion abundance criteria specified in method TO-15.

4. Initial Calibration

For the initial calibration, the percent relative standard deviations (%RSD) for all compounds were less than 30 percent. The average relative response factors were all greater than 0.05.

5. Continuing Calibration

The percent differences (%D) in the continuing calibration standard for all target compounds were within the control limit of less than or equal to 25 percent except for as follows.

In the calibration standard associated with sample EPA-25-SS, the following compounds were outside the quality control limits: dichlorodifluoromethane; tetrahydrofuran; 1,1,1-trichloroethane; carbon tetrachloride; and hexachlorobutadiene. In sample EPA-25-SS, positive results for these compounds were flagged "J" and the quantitation limits for non-detected results were flagged "UJ" as estimated.

6. Blanks

The method blank associated with the samples was free of target compound contamination except for acetone which was detected at 0.35 parts per billion. Because acetone was detected at more than 10 times the blank concentration in the samples, no qualifications were required.

7. Surrogates

The 4-bromofluorobenzene surrogate spike recoveries in the samples were within the quality control (QC) limits.

8. Laboratory Control Sample (LCS)

All LCS recoveries and LCS duplicate recoveries were within the laboratory-established QC limits of 70 to 130 percent recovery except for 1,2,4-trichlorobenzene and hexachlorobutadiene which were detected low in the LCS. The quantitation limits for these two compounds were flagged "UJ" as estimated in the samples.

9. Internal Standard Results

The internal standard area counts in the samples were within -50 percent to +100 percent of the area counts of the associated continuing calibration standard. The retention time of

the internal standards did not vary more than ±30 seconds from the retention time of the associated continuing calibration standard.

10. Target Compound Identification

A spot-check was performed of the mass spectra for detected compounds. The spot-check confirmed compound identification. DataChem appropriately flagged those results detected above the method detection limit but below the quantitation limit as "J" or estimated.

ATTACHMENT

DATACHEM LABORATORIES
RESULTS SUMMARY

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S074601B

Date Printed.....: 14-MAY-07 11:18

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: Not Provided
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 055729

Date Received.....: 07-MAY-07 00:00

Client Sample Name: **EPA-22-IA**
DCL Sample Name...: **07E02430**
DCL Report Group..: **07E-0367-01**

Matrix.....: AIR
Date Sampled.....: 03-MAY-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G074801F
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-W
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	08-MAY-07 17:31	0.180	ND	ppb v/v		1	0.5
Propene	08-MAY-07 17:31	0.31	ND	µg/m³		1	0.86
Dichlorodifluoromethane	08-MAY-07 17:31	0.0669	0.54	ppb v/v		1	0.5
Dichlorodifluoromethane	08-MAY-07 17:31	0.33	2.7	µg/m³		1	2.5
Chloromethane	08-MAY-07 17:31	0.249	ND	ppb v/v		1	0.5
Chloromethane	08-MAY-07 17:31	0.51	ND	µg/m³		1	1.0
Freon 114	08-MAY-07 17:31	0.156	ND	ppb v/v		1	0.5
Freon 114	08-MAY-07 17:31	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	08-MAY-07 17:31	0.301	ND	ppb v/v		1	0.5
Vinyl Chloride	08-MAY-07 17:31	0.77	ND	µg/m³		1	1.3
1,3-Butadiene	08-MAY-07 17:31	0.346	ND	ppb v/v		1	0.5
1,3-Butadiene	08-MAY-07 17:31	0.77	ND	µg/m³		1	1.1
Bromomethane	08-MAY-07 17:31	0.215	ND	ppb v/v		1	0.5
Bromomethane	08-MAY-07 17:31	0.83	ND	µg/m³		1	1.9
Chloroethane	08-MAY-07 17:31	0.388	ND	ppb v/v		1	0.5
Chloroethane	08-MAY-07 17:31	1.0	ND	µg/m³		1	1.3
Freon 11	08-MAY-07 17:31	0.0921	0.27	ppb v/v	J	1	0.5
Freon 11	08-MAY-07 17:31	0.52	1.5	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	08-MAY-07 17:31	0.102	ND	ppb v/v		1	0.5
cis-1,2-Dichloroethene	08-MAY-07 17:31	0.40	ND	µg/m³		1	2.0
Carbon Disulfide	08-MAY-07 17:31	0.111	ND	ppb v/v		1	0.5
Carbon Disulfide	08-MAY-07 17:31	0.35	ND	µg/m³		1	1.6
Freon 113	08-MAY-07 17:31	0.0950	ND	ppb v/v		1	0.5
Freon 113	08-MAY-07 17:31	0.73	ND	µg/m³		1	3.8
Acetone	08-MAY-07 17:31	1.1	140	ppb v/v	B	10	5.0
Acetone	08-MAY-07 17:31	2.7	330	µg/m³	B	10	12.
Methylene Chloride	08-MAY-07 17:31	0.168	ND	ppb v/v		1	0.5
Methylene Chloride	08-MAY-07 17:31	0.58	ND	µg/m³		1	1.7
trans-1,2-Dichloroethene	08-MAY-07 17:31	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	08-MAY-07 17:31	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	08-MAY-07 17:31	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	08-MAY-07 17:31	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	08-MAY-07 17:31	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	08-MAY-07 17:31	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	08-MAY-07 17:31	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	08-MAY-07 17:31	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	08-MAY-07 17:31	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	08-MAY-07 17:31	0.43	ND	µg/m³		1	2.0
2-Butanone	08-MAY-07 17:31	0.182	0.72	ppb v/v		1	0.5
2-Butanone	08-MAY-07 17:31	0.54	2.1	µg/m³		1	1.5
Ethyl Acetate	08-MAY-07 17:31	0.273	7.7	ppb v/v		1	0.5

960 West LeVoy Drive / Salt Lake City, Utah 84123-2547
Phone (801) 266-7700 Web Page: www.datachem.com
FAX (801) 268-9992 E-mail: lab@datachem.com

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S074601B

Date Printed.....: 14-MAY-07 11:18
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02430**
DCL Report Group..: **07E-0367-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	08-MAY-07 17:31	0.98	28.	µg/m³		1	1.8
Hexane	08-MAY-07 17:31	0.121	ND	ppb v/v		1	0.5
Hexane	08-MAY-07 17:31	0.43	ND	µg/m³		1	1.8
Chloroform	08-MAY-07 17:31	0.115	ND	ppb v/v		1	0.5
Chloroform	08-MAY-07 17:31	0.56	ND	µg/m³		1	2.4
1,1,1-Trichloroethane	08-MAY-07 17:31	0.0725	ND	ppb v/v		1	0.5
1,1,1-Trichloroethane	08-MAY-07 17:31	0.40	ND	µg/m³		1	2.7
Carbon Tetrachloride	08-MAY-07 17:31	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	08-MAY-07 17:31	0.41	ND	µg/m³		1	3.1
Benzene	08-MAY-07 17:31	0.102	0.42	ppb v/v	J	1	0.5
Benzene	08-MAY-07 17:31	0.33	1.4	µg/m³	J	1	1.6
Tetrahydrofuran	08-MAY-07 17:31	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	08-MAY-07 17:31	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	08-MAY-07 17:31	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	08-MAY-07 17:31	0.62	ND	µg/m³		1	2.0
Cyclohexane	08-MAY-07 17:31	0.120	ND	ppb v/v		1	0.5
Cyclohexane	08-MAY-07 17:31	0.41	ND	µg/m³		1	1.7
Trichloroethene	08-MAY-07 17:31	0.120	0.96	ppb v/v		1	0.5
Trichloroethene	08-MAY-07 17:31	0.64	5.2	µg/m³		1	2.7
1,2-Dichloropropane	08-MAY-07 17:31	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	08-MAY-07 17:31	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	08-MAY-07 17:31	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	08-MAY-07 17:31	0.52	ND	µg/m³		1	3.3
Heptane	08-MAY-07 17:31	0.101	0.11	ppb v/v	J	1	0.5
Heptane	08-MAY-07 17:31	0.41	0.45	µg/m³	J	1	2.0
cis-1,3-Dichloropropene	08-MAY-07 17:31	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	08-MAY-07 17:31	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	08-MAY-07 17:31	0.116	ND	ppb v/v		1	0.5
4-Methyl-2-Pentanone	08-MAY-07 17:31	0.48	ND	µg/m³		1	2.0
Toluene	08-MAY-07 17:31	0.115	1.0	ppb v/v		1	0.5
Toluene	08-MAY-07 17:31	0.43	3.8	µg/m³		1	1.9
trans-1,3-Dichloropropene	08-MAY-07 17:31	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	08-MAY-07 17:31	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	08-MAY-07 17:31	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	08-MAY-07 17:31	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	08-MAY-07 17:31	0.0847	ND	ppb v/v		1	0.5
Tetrachloroethene	08-MAY-07 17:31	0.57	ND	µg/m³		1	3.4
2-Hexanone	08-MAY-07 17:31	0.136	ND	ppb v/v		1	0.5
2-Hexanone	08-MAY-07 17:31	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	08-MAY-07 17:31	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	08-MAY-07 17:31	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	08-MAY-07 17:31	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	08-MAY-07 17:31	0.91	ND	µg/m³		1	3.8
Chlorobenzene	08-MAY-07 17:31	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	08-MAY-07 17:31	0.41	ND	µg/m³		1	2.3
Ethylbenzene	08-MAY-07 17:31	0.150	ND	ppb v/v		1	0.5
Ethylbenzene	08-MAY-07 17:31	0.65	ND	µg/m³		1	2.2
m,p-Xylene	08-MAY-07 17:31	0.213	0.44	ppb v/v	J	1	1.0
m,p-Xylene	08-MAY-07 17:31	0.92	1.9	µg/m³	J	1	4.3
o-Xylene	08-MAY-07 17:31	0.113	0.14	ppb v/v	J	1	0.5
o-Xylene	08-MAY-07 17:31	0.49	0.62	µg/m³	J	1	2.2
Styrene	08-MAY-07 17:31	0.0748	0.23	ppb v/v	J	1	0.5
Styrene	08-MAY-07 17:31	0.32	0.98	µg/m³	J	1	2.1
Bromoform	08-MAY-07 17:31	0.0884	ND	ppb v/v		1	0.5
Bromoform	08-MAY-07 17:31	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	08-MAY-07 17:31	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	08-MAY-07 17:31	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	08-MAY-07 17:31	0.136	ND	ppb v/v		1	0.5

Date Printed.....: 14-MAY-07 11:18
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02430**
DCL Report Group..: **07E-0367-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	08-MAY-07 17:31	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	08-MAY-07 17:31	0.0983	ND	ppb v/v		1	0.5
4-Ethyl toluene	08-MAY-07 17:31	0.48	ND	µg/m³		1	2.5
1,3,5-Trimethylbenzene	08-MAY-07 17:31	0.112	ND	ppb v/v		1	0.5
1,3,5-Trimethylbenzene	08-MAY-07 17:31	0.55	ND	µg/m³		1	2.5
1,2,4-Trimethylbenzene	08-MAY-07 17:31	0.117	0.19	ppb v/v	J	1	0.5
1,2,4-Trimethylbenzene	08-MAY-07 17:31	0.58	0.91	µg/m³	J	1	2.5
1,3-Dichlorobenzene	08-MAY-07 17:31	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	08-MAY-07 17:31	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	08-MAY-07 17:31	0.0987	ND	ppb v/v		1	0.5
1,4-Dichlorobenzene	08-MAY-07 17:31	0.59	ND	µg/m³		1	3.0
1,2-Dichlorobenzene	08-MAY-07 17:31	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	08-MAY-07 17:31	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	08-MAY-07 17:31	0.115	ND UJ	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	08-MAY-07 17:31	0.85	ND UJ	µg/m³		1	3.7
Hexachlorobutadiene	08-MAY-07 17:31	0.119	ND UJ	ppb v/v		1	0.5
Hexachlorobutadiene	08-MAY-07 17:31	1.3	ND UJ	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Propene/Propane(4.20)	08-MAY-07 17:31	4.1	ppb v/v	J	1
Dimethyl Ether(4.38)	08-MAY-07 17:31	3.0	ppb v/v	J	1
Isobutane(4.52)	08-MAY-07 17:31	25.	ppb v/v	J	1
Butane(4.80)	08-MAY-07 17:31	3.5	ppb v/v	J	1
Ethanol(5.24)	08-MAY-07 17:31	200	ppb v/v	J	1
Isopropyl Alcohol(5.87)	08-MAY-07 17:31	2.8	ppb v/v	J	1

LY
6/5/07

SAMPLE ANALYSIS DATA SHEET


S074601C

Date Printed.....: 14-MAY-07 11:18

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: Not Provided
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 055729

Date Received.....: 07-MAY-07 00:00

Client Sample Name: **EPA-23-SS**
DCL Sample Name...: **07E02431**
DCL Report Group..: **07E-0367-01**

Matrix.....: AIR
Date Sampled.....: 03-MAY-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G074801F
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-W
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	08-MAY-07 18:59	0.180	ND	ppb v/v		1	0.5
Propene	08-MAY-07 18:59	0.31	ND	µg/m³		1	0.86
Dichlorodifluoromethane	08-MAY-07 18:59	0.0669	0.66	ppb v/v		1	0.5
Dichlorodifluoromethane	08-MAY-07 18:59	0.33	3.2	µg/m³		1	2.5
Chloromethane	08-MAY-07 18:59	0.249	ND	ppb v/v		1	0.5
Chloromethane	08-MAY-07 18:59	0.51	ND	µg/m³		1	1.0
Freon 114	08-MAY-07 18:59	0.156	ND	ppb v/v		1	0.5
Freon 114	08-MAY-07 18:59	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	08-MAY-07 18:59	0.301	ND	ppb v/v		1	0.5
Vinyl Chloride	08-MAY-07 18:59	0.77	ND	µg/m³		1	1.3
1,3-Butadiene	08-MAY-07 18:59	0.346	ND	ppb v/v		1	0.5
1,3-Butadiene	08-MAY-07 18:59	0.77	ND	µg/m³		1	1.1
Bromomethane	08-MAY-07 18:59	0.215	ND	ppb v/v		1	0.5
Bromomethane	08-MAY-07 18:59	0.83	ND	µg/m³		1	1.9
Chloroethane	08-MAY-07 18:59	0.388	ND	ppb v/v		1	0.5
Chloroethane	08-MAY-07 18:59	1.0	ND	µg/m³		1	1.3
Freon 11	08-MAY-07 18:59	0.0921	0.27	ppb v/v	J	1	0.5
Freon 11	08-MAY-07 18:59	0.52	1.5	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	08-MAY-07 18:59	0.102	ND	ppb v/v		1	0.5
cis-1,2-Dichloroethene	08-MAY-07 18:59	0.40	ND	µg/m³		1	2.0
Carbon Disulfide	08-MAY-07 18:59	0.111	0.36	ppb v/v	J	1	0.5
Carbon Disulfide	08-MAY-07 18:59	0.35	1.1	µg/m³	J	1	1.6
Freon 113	08-MAY-07 18:59	0.0950	ND	ppb v/v		1	0.5
Freon 113	08-MAY-07 18:59	0.73	ND	µg/m³		1	3.8
Acetone	08-MAY-07 18:59	0.113	6.5	ppb v/v	B	1	0.5
Acetone	08-MAY-07 18:59	0.27	15.	µg/m³	B	1	1.2
Methylene Chloride	08-MAY-07 18:59	0.168	ND	ppb v/v		1	0.5
Methylene Chloride	08-MAY-07 18:59	0.58	ND	µg/m³		1	1.7
trans-1,2-Dichloroethene	08-MAY-07 18:59	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	08-MAY-07 18:59	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	08-MAY-07 18:59	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	08-MAY-07 18:59	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	08-MAY-07 18:59	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	08-MAY-07 18:59	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	08-MAY-07 18:59	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	08-MAY-07 18:59	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	08-MAY-07 18:59	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	08-MAY-07 18:59	0.43	ND	µg/m³		1	2.0
2-Butanone	08-MAY-07 18:59	0.182	1.7	ppb v/v		1	0.5
2-Butanone	08-MAY-07 18:59	0.54	4.9	µg/m³		1	1.5
Ethyl Acetate	08-MAY-07 18:59	0.273	ND	ppb v/v		1	0.5

Date Printed.....: 14-MAY-07 11:18
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02431**
DCL Report Group..: **07E-0367-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	08-MAY-07 18:59	0.98	ND	µg/m³		1	1.8
Hexane	08-MAY-07 18:59	0.121	4.3	ppb v/v		1	0.5
Hexane	08-MAY-07 18:59	0.43	15.	µg/m³		1	1.8
Chloroform	08-MAY-07 18:59	0.115	0.15	ppb v/v	J	1	0.5
Chloroform	08-MAY-07 18:59	0.56	0.71	µg/m³	J	1	2.4
1,1,1-Trichloroethane	08-MAY-07 18:59	0.0725	ND	ppb v/v		1	0.5
1,1,1-Trichloroethane	08-MAY-07 18:59	0.40	ND	µg/m³		1	2.7
Carbon Tetrachloride	08-MAY-07 18:59	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	08-MAY-07 18:59	0.41	ND	µg/m³		1	3.1
Benzene	08-MAY-07 18:59	0.102	0.94	ppb v/v		1	0.5
Benzene	08-MAY-07 18:59	0.33	3.0	µg/m³		1	1.6
Tetrahydrofuran	08-MAY-07 18:59	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	08-MAY-07 18:59	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	08-MAY-07 18:59	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	08-MAY-07 18:59	0.62	ND	µg/m³		1	2.0
Cyclohexane	08-MAY-07 18:59	0.120	1.6	ppb v/v		1	0.5
Cyclohexane	08-MAY-07 18:59	0.41	5.6	µg/m³		1	1.7
Trichloroethene	08-MAY-07 18:59	0.120	ND	ppb v/v		1	0.5
Trichloroethene	08-MAY-07 18:59	0.64	ND	µg/m³		1	2.7
1,2-Dichloropropane	08-MAY-07 18:59	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	08-MAY-07 18:59	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	08-MAY-07 18:59	0.0779	0.23	ppb v/v	J	1	0.5
Bromodichloromethane	08-MAY-07 18:59	0.52	1.5	µg/m³	J	1	3.3
Heptane	08-MAY-07 18:59	0.101	3.1	ppb v/v		1	0.5
Heptane	08-MAY-07 18:59	0.41	13.	µg/m³		1	2.0
cis-1,3-Dichloropropene	08-MAY-07 18:59	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	08-MAY-07 18:59	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	08-MAY-07 18:59	0.116	ND	ppb v/v		1	0.5
4-Methyl-2-Pentanone	08-MAY-07 18:59	0.48	ND	µg/m³		1	2.0
Toluene	08-MAY-07 18:59	0.115	3.1	ppb v/v		1	0.5
Toluene	08-MAY-07 18:59	0.43	12.	µg/m³		1	1.9
trans-1,3-Dichloropropene	08-MAY-07 18:59	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	08-MAY-07 18:59	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	08-MAY-07 18:59	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	08-MAY-07 18:59	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	08-MAY-07 18:59	0.0847	ND	ppb v/v		1	0.5
Tetrachloroethene	08-MAY-07 18:59	0.57	ND	µg/m³		1	3.4
2-Hexanone	08-MAY-07 18:59	0.136	ND	ppb v/v		1	0.5
2-Hexanone	08-MAY-07 18:59	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	08-MAY-07 18:59	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	08-MAY-07 18:59	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	08-MAY-07 18:59	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	08-MAY-07 18:59	0.91	ND	µg/m³		1	3.8
Chlorobenzene	08-MAY-07 18:59	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	08-MAY-07 18:59	0.41	ND	µg/m³		1	2.3
Ethylbenzene	08-MAY-07 18:59	0.150	1.6	ppb v/v		1	0.5
Ethylbenzene	08-MAY-07 18:59	0.65	6.9	µg/m³		1	2.2
m,p-Xylene	08-MAY-07 18:59	0.213	2.1	ppb v/v		1	1.0
m,p-Xylene	08-MAY-07 18:59	0.92	9.0	µg/m³		1	4.3
o-Xylene	08-MAY-07 18:59	0.113	1.1	ppb v/v		1	0.5
o-Xylene	08-MAY-07 18:59	0.49	4.7	µg/m³		1	2.2
Styrene	08-MAY-07 18:59	0.0748	ND	ppb v/v		1	0.5
Styrene	08-MAY-07 18:59	0.32	ND	µg/m³		1	2.1
Bromoform	08-MAY-07 18:59	0.0884	ND	ppb v/v		1	0.5
Bromoform	08-MAY-07 18:59	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	08-MAY-07 18:59	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	08-MAY-07 18:59	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	08-MAY-07 18:59	0.136	ND	ppb v/v		1	0.5

Date Printed.....: 14-MAY-07 11:18
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02431**
DCL Report Group..: **07E-0367-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	08-MAY-07 18:59	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	08-MAY-07 18:59	0.0983	0.29	ppb v/v	J	1	0.5
4-Ethyl toluene	08-MAY-07 18:59	0.48	1.4	µg/m³	J	1	2.5
1,3,5-Trimethylbenzene	08-MAY-07 18:59	0.112	0.44	ppb v/v	J	1	0.5
1,3,5-Trimethylbenzene	08-MAY-07 18:59	0.55	2.2	µg/m³	J	1	2.5
1,2,4-Trimethylbenzene	08-MAY-07 18:59	0.117	1.7	ppb v/v		1	0.5
1,2,4-Trimethylbenzene	08-MAY-07 18:59	0.58	8.5	µg/m³		1	2.5
1,3-Dichlorobenzene	08-MAY-07 18:59	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	08-MAY-07 18:59	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	08-MAY-07 18:59	0.0987	ND	ppb v/v		1	0.5
1,4-Dichlorobenzene	08-MAY-07 18:59	0.59	ND	µg/m³		1	3.0
1,2-Dichlorobenzene	08-MAY-07 18:59	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	08-MAY-07 18:59	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	08-MAY-07 18:59	0.115	ND UJ	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	08-MAY-07 18:59	0.85	ND UJ	µg/m³		1	3.7
Hexachlorobutadiene	08-MAY-07 18:59	0.119	ND UJ	ppb v/v		1	0.5
Hexachlorobutadiene	08-MAY-07 18:59	1.3	ND UJ	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Isobutane(4.53)	08-MAY-07 18:59	4.4	ppb v/v	J	1
Butane(4.80)	08-MAY-07 18:59	4.1	ppb v/v	J	1
Ethanol(5.28)	08-MAY-07 18:59	2.8	ppb v/v	J	1
Butane, 2-methyl(5.69)	08-MAY-07 18:59	7.3	ppb v/v	J	1
Pentane(6.12)	08-MAY-07 18:59	3.5	ppb v/v	J	1
Pentane, 2-methyl-(7.55)	08-MAY-07 18:59	3.3	ppb v/v	J	1
CYCLOHEXANE, METHYL-(11.36)	08-MAY-07 18:59	3.9	ppb v/v	J	1
Octane(13.06)	08-MAY-07 18:59	3.2	ppb v/v	J	1
Unknown fluorocarbon(13.77)	08-MAY-07 18:59	20.	ppb v/v	J	1
Nonane(15.13)	08-MAY-07 18:59	4.1	ppb v/v	J	1
Decane(17.00)	08-MAY-07 18:59	5.3	ppb v/v	J	1
C11 Hydrocarbon(17.84)	08-MAY-07 18:59	4.8	ppb v/v	J	1
C11 Hydrocarbon(18.50)	08-MAY-07 18:59	3.5	ppb v/v	J	1
Undecane(18.71)	08-MAY-07 18:59	5.6	ppb v/v	J	1

JJ
6/5/07

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S074601D

Date Printed.....: 14-MAY-07 11:18

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: Not Provided
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 055729

Date Received.....: 07-MAY-07 00:00

Client Sample Name: **EPA-24-SS**
DCL Sample Name...: **07E02432**
DCL Report Group..: **07E-0367-01**

Matrix.....: AIR
Date Sampled.....: 03-MAY-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G074801F
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-W
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	08-MAY-07 20:32	0.180	ND	ppb v/v		1	0.5
Propene	08-MAY-07 20:32	0.31	ND	µg/m³		1	0.86
Dichlorodifluoromethane	08-MAY-07 20:32	0.0669	0.60	ppb v/v		1	0.5
Dichlorodifluoromethane	08-MAY-07 20:32	0.33	2.9	µg/m³		1	2.5
Chloromethane	08-MAY-07 20:32	0.249	ND	ppb v/v		1	0.5
Chloromethane	08-MAY-07 20:32	0.51	ND	µg/m³		1	1.0
Freon 114	08-MAY-07 20:32	0.156	ND	ppb v/v		1	0.5
Freon 114	08-MAY-07 20:32	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	08-MAY-07 20:32	0.301	ND	ppb v/v		1	0.5
Vinyl Chloride	08-MAY-07 20:32	0.77	ND	µg/m³		1	1.3
1,3-Butadiene	08-MAY-07 20:32	0.346	ND	ppb v/v		1	0.5
1,3-Butadiene	08-MAY-07 20:32	0.77	ND	µg/m³		1	1.1
Bromomethane	08-MAY-07 20:32	0.215	ND	ppb v/v		1	0.5
Bromomethane	08-MAY-07 20:32	0.83	ND	µg/m³		1	1.9
Chloroethane	08-MAY-07 20:32	0.388	ND	ppb v/v		1	0.5
Chloroethane	08-MAY-07 20:32	1.0	ND	µg/m³		1	1.3
Freon 11	08-MAY-07 20:32	0.0921	0.28	ppb v/v	J	1	0.5
Freon 11	08-MAY-07 20:32	0.52	1.6	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	08-MAY-07 20:32	0.102	ND	ppb v/v		1	0.5
cis-1,2-Dichloroethene	08-MAY-07 20:32	0.40	ND	µg/m³		1	2.0
Carbon Disulfide	08-MAY-07 20:32	0.111	0.17	ppb v/v	J	1	0.5
Carbon Disulfide	08-MAY-07 20:32	0.35	0.53	µg/m³	J	1	1.6
Freon 113	08-MAY-07 20:32	0.0950	ND	ppb v/v		1	0.5
Freon 113	08-MAY-07 20:32	0.73	ND	µg/m³		1	3.8
Acetone	08-MAY-07 20:32	0.113	12.	ppb v/v	B	1	0.5
Acetone	08-MAY-07 20:32	0.27	28.	µg/m³	B	1	1.2
Methylene Chloride	08-MAY-07 20:32	0.168	ND	ppb v/v		1	0.5
Methylene Chloride	08-MAY-07 20:32	0.58	ND	µg/m³		1	1.7
trans-1,2-Dichloroethene	08-MAY-07 20:32	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	08-MAY-07 20:32	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	08-MAY-07 20:32	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	08-MAY-07 20:32	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	08-MAY-07 20:32	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	08-MAY-07 20:32	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	08-MAY-07 20:32	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	08-MAY-07 20:32	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	08-MAY-07 20:32	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	08-MAY-07 20:32	0.43	ND	µg/m³		1	2.0
2-Butanone	08-MAY-07 20:32	0.182	0.83	ppb v/v		1	0.5
2-Butanone	08-MAY-07 20:32	0.54	2.4	µg/m³		1	1.5
Ethyl Acetate	08-MAY-07 20:32	0.273	ND	ppb v/v		1	0.5

Date Printed.....: 14-MAY-07 11:18
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02432**
DCL Report Group..: **07E-0367-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	08-MAY-07 20:32	0.98	ND	µg/m³		1	1.8
Hexane	08-MAY-07 20:32	0.121	1.9	ppb v/v		1	0.5
Hexane	08-MAY-07 20:32	0.43	6.7	µg/m³		1	1.8
Chloroform	08-MAY-07 20:32	0.115	1.0	ppb v/v		1	0.5
Chloroform	08-MAY-07 20:32	0.56	5.0	µg/m³		1	2.4
1,1,1-Trichloroethane	08-MAY-07 20:32	0.0725	1.3	ppb v/v		1	0.5
1,1,1-Trichloroethane	08-MAY-07 20:32	0.40	6.9	µg/m³		1	2.7
Carbon Tetrachloride	08-MAY-07 20:32	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	08-MAY-07 20:32	0.41	ND	µg/m³		1	3.1
Benzene	08-MAY-07 20:32	0.102	0.49	ppb v/v	J	1	0.5
Benzene	08-MAY-07 20:32	0.33	1.6	µg/m³	J	1	1.6
Tetrahydrofuran	08-MAY-07 20:32	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	08-MAY-07 20:32	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	08-MAY-07 20:32	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	08-MAY-07 20:32	0.62	ND	µg/m³		1	2.0
Cyclohexane	08-MAY-07 20:32	0.120	ND	ppb v/v		1	0.5
Cyclohexane	08-MAY-07 20:32	0.41	ND	µg/m³		1	1.7
Trichloroethene	08-MAY-07 20:32	0.120	1.7	ppb v/v		1	0.5
Trichloroethene	08-MAY-07 20:32	0.64	9.0	µg/m³		1	2.7
1,2-Dichloropropane	08-MAY-07 20:32	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	08-MAY-07 20:32	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	08-MAY-07 20:32	0.0779	0.14	ppb v/v	J	1	0.5
Bromodichloromethane	08-MAY-07 20:32	0.52	0.90	µg/m³	J	1	3.3
Heptane	08-MAY-07 20:32	0.101	1.2	ppb v/v		1	0.5
Heptane	08-MAY-07 20:32	0.41	5.0	µg/m³		1	2.0
cis-1,3-Dichloropropene	08-MAY-07 20:32	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	08-MAY-07 20:32	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	08-MAY-07 20:32	0.116	ND	ppb v/v		1	0.5
4-Methyl-2-Pentanone	08-MAY-07 20:32	0.48	ND	µg/m³		1	2.0
Toluene	08-MAY-07 20:32	0.115	1.7	ppb v/v		1	0.5
Toluene	08-MAY-07 20:32	0.43	6.2	µg/m³		1	1.9
trans-1,3-Dichloropropene	08-MAY-07 20:32	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	08-MAY-07 20:32	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	08-MAY-07 20:32	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	08-MAY-07 20:32	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	08-MAY-07 20:32	0.0847	0.19	ppb v/v	J	1	0.5
Tetrachloroethene	08-MAY-07 20:32	0.57	1.3	µg/m³	J	1	3.4
2-Hexanone	08-MAY-07 20:32	0.136	ND	ppb v/v		1	0.5
2-Hexanone	08-MAY-07 20:32	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	08-MAY-07 20:32	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	08-MAY-07 20:32	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	08-MAY-07 20:32	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	08-MAY-07 20:32	0.91	ND	µg/m³		1	3.8
Chlorobenzene	08-MAY-07 20:32	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	08-MAY-07 20:32	0.41	ND	µg/m³		1	2.3
Ethylbenzene	08-MAY-07 20:32	0.150	0.71	ppb v/v		1	0.5
Ethylbenzene	08-MAY-07 20:32	0.65	3.1	µg/m³		1	2.2
m,p-Xylene	08-MAY-07 20:32	0.213	1.0	ppb v/v		1	1.0
m,p-Xylene	08-MAY-07 20:32	0.92	4.4	µg/m³		1	4.3
o-Xylene	08-MAY-07 20:32	0.113	0.45	ppb v/v	J	1	0.5
o-Xylene	08-MAY-07 20:32	0.49	2.0	µg/m³	J	1	2.2
Styrene	08-MAY-07 20:32	0.0748	ND	ppb v/v		1	0.5
Styrene	08-MAY-07 20:32	0.32	ND	µg/m³		1	2.1
Bromoform	08-MAY-07 20:32	0.0884	ND	ppb v/v		1	0.5
Bromoform	08-MAY-07 20:32	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	08-MAY-07 20:32	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	08-MAY-07 20:32	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	08-MAY-07 20:32	0.136	ND	ppb v/v		1	0.5

Date Printed.....: 14-MAY-07 11:18
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02432**
DCL Report Group..: **07E-0367-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	08-MAY-07 20:32	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	08-MAY-07 20:32	0.0983	ND	ppb v/v		1	0.5
4-Ethyl toluene	08-MAY-07 20:32	0.48	ND	µg/m³		1	2.5
1,3,5-Trimethylbenzene	08-MAY-07 20:32	0.112	0.14	ppb v/v	J	1	0.5
1,3,5-Trimethylbenzene	08-MAY-07 20:32	0.55	0.67	µg/m³	J	1	2.5
1,2,4-Trimethylbenzene	08-MAY-07 20:32	0.117	0.55	ppb v/v		1	0.5
1,2,4-Trimethylbenzene	08-MAY-07 20:32	0.58	2.7	µg/m³		1	2.5
1,3-Dichlorobenzene	08-MAY-07 20:32	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	08-MAY-07 20:32	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	08-MAY-07 20:32	0.0987	ND	ppb v/v		1	0.5
1,4-Dichlorobenzene	08-MAY-07 20:32	0.59	ND	µg/m³		1	3.0
1,2-Dichlorobenzene	08-MAY-07 20:32	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	08-MAY-07 20:32	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	08-MAY-07 20:32	0.115	ND UJ	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	08-MAY-07 20:32	0.85	ND UJ	µg/m³		1	3.7
Hexachlorobutadiene	08-MAY-07 20:32	0.119	ND UJ	ppb v/v		1	0.5
Hexachlorobutadiene	08-MAY-07 20:32	1.3	ND UJ	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Isobutane(4.54)	08-MAY-07 20:32	3.9	ppb v/v	J	1
Butane(4.81)	08-MAY-07 20:32	17.	ppb v/v	J	1
Ethanol(5.33)	08-MAY-07 20:32	2.2	ppb v/v	J	1
Isopropyl Alcohol(5.92)	08-MAY-07 20:32	10.	ppb v/v	J	1

ZY
6/5/07

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S074601F

Date Printed.....: 14-MAY-07 11:18

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: Not Provided
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 055729

Date Received.....: 07-MAY-07 00:00

Client Sample Name: **EPA-25-SS**
DCL Sample Name...: **07E02433**
DCL Report Group..: **07E-0367-01**

Matrix.....: AIR
Date Sampled.....: 03-MAY-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G074801F
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-W
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	10-MAY-07 08:19	0.180	ND	ppb v/v		1	0.5
Propene	10-MAY-07 08:19	0.31	ND	µg/m³		1	0.86
Dichlorodifluoromethane	10-MAY-07 08:19	0.0669	0.66 J	ppb v/v		1	0.5
Dichlorodifluoromethane	10-MAY-07 08:19	0.33	3.3 J	µg/m³		1	2.5
Chloromethane	10-MAY-07 08:19	0.249	ND	ppb v/v		1	0.5
Chloromethane	10-MAY-07 08:19	0.51	ND	µg/m³		1	1.0
Freon 114	10-MAY-07 08:19	0.156	ND	ppb v/v		1	0.5
Freon 114	10-MAY-07 08:19	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	10-MAY-07 08:19	0.301	ND	ppb v/v		1	0.5
Vinyl Chloride	10-MAY-07 08:19	0.77	ND	µg/m³		1	1.3
1,3-Butadiene	10-MAY-07 08:19	0.346	ND	ppb v/v		1	0.5
1,3-Butadiene	10-MAY-07 08:19	0.77	ND	µg/m³		1	1.1
Bromomethane	10-MAY-07 08:19	0.215	ND	ppb v/v		1	0.5
Bromomethane	10-MAY-07 08:19	0.83	ND	µg/m³		1	1.9
Chloroethane	10-MAY-07 08:19	0.388	ND	ppb v/v		1	0.5
Chloroethane	10-MAY-07 08:19	1.0	ND	µg/m³		1	1.3
Freon 11	10-MAY-07 08:19	0.0921	0.27	ppb v/v	J	1	0.5
Freon 11	10-MAY-07 08:19	0.52	1.5	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	10-MAY-07 08:19	0.102	ND	ppb v/v		1	0.5
cis-1,2-Dichloroethene	10-MAY-07 08:19	0.40	ND	µg/m³		1	2.0
Carbon Disulfide	10-MAY-07 08:19	0.111	0.37	ppb v/v	J	1	0.5
Carbon Disulfide	10-MAY-07 08:19	0.35	1.2	µg/m³	J	1	1.6
Freon 113	10-MAY-07 08:19	0.0950	ND	ppb v/v		1	0.5
Freon 113	10-MAY-07 08:19	0.73	ND	µg/m³		1	3.8
Acetone	10-MAY-07 08:19	0.113	18.	ppb v/v	B	1	0.5
Acetone	10-MAY-07 08:19	0.27	42.	µg/m³	B	1	1.2
Methylene Chloride	10-MAY-07 08:19	0.168	ND	ppb v/v		1	0.5
Methylene Chloride	10-MAY-07 08:19	0.58	ND	µg/m³		1	1.7
trans-1,2-Dichloroethene	10-MAY-07 08:19	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	10-MAY-07 08:19	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	10-MAY-07 08:19	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	10-MAY-07 08:19	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	10-MAY-07 08:19	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	10-MAY-07 08:19	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	10-MAY-07 08:19	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	10-MAY-07 08:19	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	10-MAY-07 08:19	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	10-MAY-07 08:19	0.43	ND	µg/m³		1	2.0
2-Butanone	10-MAY-07 08:19	0.182	1.5	ppb v/v		1	0.5
2-Butanone	10-MAY-07 08:19	0.54	4.4	µg/m³		1	1.5
Ethyl Acetate	10-MAY-07 08:19	0.273	ND	ppb v/v		1	0.5

Date Printed.....: 14-MAY-07 11:18
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02433**
DCL Report Group..: **07E-0367-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	10-MAY-07 08:19	0.98	ND	µg/m³		1	1.8
Hexane	10-MAY-07 08:19	0.121	3.3	ppb v/v		1	0.5
Hexane	10-MAY-07 08:19	0.43	12.	µg/m³		1	1.8
Chloroform	10-MAY-07 08:19	0.115	ND	ppb v/v		1	0.5
Chloroform	10-MAY-07 08:19	0.56	ND	µg/m³		1	2.4
1,1,1-Trichloroethane	10-MAY-07 08:19	0.0725	ND UJ	ppb v/v		1	0.5
1,1,1-Trichloroethane	10-MAY-07 08:19	0.40	ND UJ	µg/m³		1	2.7
Carbon Tetrachloride	10-MAY-07 08:19	0.0657	ND UJ	ppb v/v		1	0.5
Carbon Tetrachloride	10-MAY-07 08:19	0.41	ND UJ	µg/m³		1	3.1
Benzene	10-MAY-07 08:19	0.102	1.5	ppb v/v		1	0.5
Benzene	10-MAY-07 08:19	0.33	4.8	µg/m³		1	1.6
Tetrahydrofuran	10-MAY-07 08:19	0.227	ND UJ	ppb v/v		1	0.5
Tetrahydrofuran	10-MAY-07 08:19	0.67	ND UJ	µg/m³		1	1.5
1,2-Dichloroethane	10-MAY-07 08:19	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	10-MAY-07 08:19	0.62	ND	µg/m³		1	2.0
Cyclohexane	10-MAY-07 08:19	0.120	1.4	ppb v/v		1	0.5
Cyclohexane	10-MAY-07 08:19	0.41	4.8	µg/m³		1	1.7
Trichloroethene	10-MAY-07 08:19	0.120	ND	ppb v/v		1	0.5
Trichloroethene	10-MAY-07 08:19	0.64	ND	µg/m³		1	2.7
1,2-Dichloropropane	10-MAY-07 08:19	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	10-MAY-07 08:19	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	10-MAY-07 08:19	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	10-MAY-07 08:19	0.52	ND	µg/m³		1	3.3
Heptane	10-MAY-07 08:19	0.101	2.3	ppb v/v		1	0.5
Heptane	10-MAY-07 08:19	0.41	9.5	µg/m³		1	2.0
cis-1,3-Dichloropropene	10-MAY-07 08:19	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	10-MAY-07 08:19	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	10-MAY-07 08:19	0.116	ND	ppb v/v		1	0.5
4-Methyl-2-Pentanone	10-MAY-07 08:19	0.48	ND	µg/m³		1	2.0
Toluene	10-MAY-07 08:19	0.115	4.0	ppb v/v		1	0.5
Toluene	10-MAY-07 08:19	0.43	15.	µg/m³		1	1.9
trans-1,3-Dichloropropene	10-MAY-07 08:19	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	10-MAY-07 08:19	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	10-MAY-07 08:19	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	10-MAY-07 08:19	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	10-MAY-07 08:19	0.0847	0.19	ppb v/v	J	1	0.5
Tetrachloroethene	10-MAY-07 08:19	0.57	1.3	µg/m³	J	1	3.4
2-Hexanone	10-MAY-07 08:19	0.136	ND	ppb v/v		1	0.5
2-Hexanone	10-MAY-07 08:19	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	10-MAY-07 08:19	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	10-MAY-07 08:19	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	10-MAY-07 08:19	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	10-MAY-07 08:19	0.91	ND	µg/m³		1	3.8
Chlorobenzene	10-MAY-07 08:19	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	10-MAY-07 08:19	0.41	ND	µg/m³		1	2.3
Ethylbenzene	10-MAY-07 08:19	0.150	1.8	ppb v/v		1	0.5
Ethylbenzene	10-MAY-07 08:19	0.65	7.8	µg/m³		1	2.2
m,p-Xylene	10-MAY-07 08:19	0.213	2.3	ppb v/v		1	1.0
m,p-Xylene	10-MAY-07 08:19	0.92	10.	µg/m³		1	4.3
o-Xylene	10-MAY-07 08:19	0.113	1.1	ppb v/v		1	0.5
o-Xylene	10-MAY-07 08:19	0.49	4.7	µg/m³		1	2.2
Styrene	10-MAY-07 08:19	0.0748	ND	ppb v/v		1	0.5
Styrene	10-MAY-07 08:19	0.32	ND	µg/m³		1	2.1
Bromoform	10-MAY-07 08:19	0.0884	ND	ppb v/v		1	0.5
Bromoform	10-MAY-07 08:19	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	10-MAY-07 08:19	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	10-MAY-07 08:19	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	10-MAY-07 08:19	0.136	ND	ppb v/v		1	0.5

Date Printed.....: 14-MAY-07 11:18
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02433**
DCL Report Group..: **07E-0367-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	10-MAY-07 08:19	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	10-MAY-07 08:19	0.0983	0.28	ppb v/v	J	1	0.5
4-Ethyl toluene	10-MAY-07 08:19	0.48	1.4	µg/m³	J	1	2.5
1,3,5-Trimethylbenzene	10-MAY-07 08:19	0.112	0.42	ppb v/v	J	1	0.5
1,3,5-Trimethylbenzene	10-MAY-07 08:19	0.55	2.1	µg/m³	J	1	2.5
1,2,4-Trimethylbenzene	10-MAY-07 08:19	0.117	1.5	ppb v/v		1	0.5
1,2,4-Trimethylbenzene	10-MAY-07 08:19	0.58	7.2	µg/m³		1	2.5
1,3-Dichlorobenzene	10-MAY-07 08:19	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	10-MAY-07 08:19	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	10-MAY-07 08:19	0.0987	ND	ppb v/v		1	0.5
1,4-Dichlorobenzene	10-MAY-07 08:19	0.59	ND	µg/m³		1	3.0
1,2-Dichlorobenzene	10-MAY-07 08:19	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	10-MAY-07 08:19	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	10-MAY-07 08:19	0.115	ND UJ	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	10-MAY-07 08:19	0.85	ND UJ	µg/m³		1	3.7
Hexachlorobutadiene	10-MAY-07 08:19	0.119	ND UJ	ppb v/v		1	0.5
Hexachlorobutadiene	10-MAY-07 08:19	1.3	ND UJ	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Methane, chlorodifluoro-(4.15)	10-MAY-07 08:19	9.3	ppb v/v	J	1
Isobutane(4.53)	10-MAY-07 08:19	6.4	ppb v/v	J	1
Butane(4.79)	10-MAY-07 08:19	4.0	ppb v/v	J	1
Ethanol(5.27)	10-MAY-07 08:19	7.1	ppb v/v	J	1
Pentane(6.11)	10-MAY-07 08:19	3.3	ppb v/v	J	1
Pentane, 2-methyl-(7.54)	10-MAY-07 08:19	2.9	ppb v/v	J	1
CYCLOPENTANE, METHYL-(8.98)	10-MAY-07 08:19	2.5	ppb v/v	J	1
CYCLOHEXANE, METHYL-(11.35)	10-MAY-07 08:19	3.1	ppb v/v	J	1

LY
6/5/07

BEHR VOC PLUME SITE
DAYTON, OHIO
DATA VALIDATION REPORT

Date: June 5, 2007
Laboratory: DataChem Laboratories, Inc. (DataChem), Salt Lake City, Utah
Laboratory SDG #/Set ID #: BEHR/07E-0376-01
Data Validation Performed By: Lisa Graczyk, Dynamac Corporation (Dynamac), subcontractor to Weston Solutions, Inc. (Weston)
Weston Analytical Work Order #/TDD #: 20405.016.003.0121.00/S05-0612-007

This data validation report has been prepared by Dynamac, a Weston subcontractor, under the START III Region V contract. This report documents the data validation of air samples collected for the Behr VOC Plume Site that were analyzed for Volatile Organic Compounds (VOC) by U.S. Environmental Protection Agency (U.S. EPA) method TO-15. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Organic Data Review" dated October 1999.

VOCs in Air by U.S. EPA Method TO15

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
EPA-26-SS	07E02466	Air	05/07/07	NA	05/09/07
EPA-27-IA	07E02467	Air	05/07/07	NA	05/09/07

2. Holding Times

The samples were analyzed within the required holding time limit of 30 days from sample collection in accordance with method TO-15.

3. Instrument Performance Check

The instrument performance check using bromofluorobenzene (BFB) was performed within the 24-hour period for which the samples were analyzed as required for method TO-15. The BFB standard met the ion abundance criteria specified in method TO-15.

4. Initial Calibration

For the initial calibration, the percent relative standard deviations (%RSD) for all compounds were less than 30 percent except for 1,2,4-trichlorobenzene and hexachlorobutadiene. The quantitation limits for these two compounds were flagged "UJ" as estimated for this discrepancy. The average relative response factors were all greater than 0.05.

5. Continuing Calibration

The percent differences (%D) in the continuing calibration standard for all target compounds were within the control limit of less than or equal to 25 percent.

6. Blanks

The method blank associated with the samples was free of target compound contamination except for acetone which was detected at 0.35 part per billion. Because the acetone detection in sample EPA-26-SS was at less than 10 times the blank concentration, the result was flagged "U" as not detected.

7. Surrogates

The 4-bromofluorobenzene surrogate spike recovery in the sample was within the quality control (QC) limits.

8. Laboratory Control Sample (LCS)

All LCS recoveries and LCS duplicate recoveries were within the laboratory-established QC limits of 70 to 130 percent recovery except for 1,2,4-trichlorobenzene and hexachlorobutadiene which were detected low in the LCS. The quantitation limits for these two compounds were flagged "UJ" as estimated in the samples.

9. Internal Standard Results

The internal standard area counts in the samples were within -50 percent to +100 percent of the area counts of the associated continuing calibration standard. The retention time of the internal standards did not vary more than ±30 seconds from the retention time of the associated continuing calibration standard.

10. Target Compound Identification

A spot-check was performed of the mass spectra for detected compounds. The spot-check confirmed compound identification. DataChem appropriately flagged those results detected above the method detection limit but below the quantitation limit as "J" or estimated.

ATTACHMENT

DATACHEM LABORATORIES
RESULTS SUMMARY

SAMPLE ANALYSIS DATA SHEET


S074804Z

Date Printed.....: 16-MAY-07 09:51

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: 0055729
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 0055729

Date Received.....: 09-MAY-07 00:00

Client Sample Name: **EPA-26-SS**
DCL Sample Name...: **07E02466**
DCL Report Group..: **07E-0376-01**

Matrix.....: AIR
Date Sampled.....: 07-MAY-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G074G01G
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-W
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	09-MAY-07 12:34	0.180	ND	ppb v/v		1	0.5
Propene	09-MAY-07 12:34	0.31	ND	µg/m³		1	0.86
Dichlorodifluoromethane	09-MAY-07 12:34	0.0669	0.59	ppb v/v		1	0.5
Dichlorodifluoromethane	09-MAY-07 12:34	0.33	2.9	µg/m³		1	2.5
Chloromethane	09-MAY-07 12:34	0.249	ND	ppb v/v		1	0.5
Chloromethane	09-MAY-07 12:34	0.51	ND	µg/m³		1	1.0
Freon 114	09-MAY-07 12:34	0.156	ND	ppb v/v		1	0.5
Freon 114	09-MAY-07 12:34	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	09-MAY-07 12:34	0.301	ND	ppb v/v		1	0.5
Vinyl Chloride	09-MAY-07 12:34	0.77	ND	µg/m³		1	1.3
1,3-Butadiene	09-MAY-07 12:34	0.346	ND	ppb v/v		1	0.5
1,3-Butadiene	09-MAY-07 12:34	0.77	ND	µg/m³		1	1.1
Bromomethane	09-MAY-07 12:34	0.215	ND	ppb v/v		1	0.5
Bromomethane	09-MAY-07 12:34	0.83	ND	µg/m³		1	1.9
Chloroethane	09-MAY-07 12:34	0.388	ND	ppb v/v		1	0.5
Chloroethane	09-MAY-07 12:34	1.0	ND	µg/m³		1	1.3
Freon 11	09-MAY-07 12:34	0.0921	0.25	ppb v/v	J	1	0.5
Freon 11	09-MAY-07 12:34	0.52	1.4	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	09-MAY-07 12:34	0.102	ND	ppb v/v		1	0.5
cis-1,2-Dichloroethene	09-MAY-07 12:34	0.40	ND	µg/m³		1	2.0
Carbon Disulfide	09-MAY-07 12:34	0.111	ND	ppb v/v		1	0.5
Carbon Disulfide	09-MAY-07 12:34	0.35	ND	µg/m³		1	1.6
Freon 113	09-MAY-07 12:34	0.0950	ND	ppb v/v		1	0.5
Freon 113	09-MAY-07 12:34	0.73	ND	µg/m³		1	3.8
Acetone	09-MAY-07 12:34	0.113	3.1	ppb v/v	B	1	0.5
Acetone	09-MAY-07 12:34	0.27	7.3	µg/m³	B	1	1.2
Methylene Chloride	09-MAY-07 12:34	0.168	ND	ppb v/v		1	0.5
Methylene Chloride	09-MAY-07 12:34	0.58	ND	µg/m³		1	1.7
trans-1,2-Dichloroethene	09-MAY-07 12:34	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	09-MAY-07 12:34	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	09-MAY-07 12:34	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	09-MAY-07 12:34	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	09-MAY-07 12:34	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	09-MAY-07 12:34	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	09-MAY-07 12:34	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	09-MAY-07 12:34	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	09-MAY-07 12:34	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	09-MAY-07 12:34	0.43	ND	µg/m³		1	2.0
2-Butanone	09-MAY-07 12:34	0.182	0.48	ppb v/v	J	1	0.5
2-Butanone	09-MAY-07 12:34	0.54	1.4	µg/m³	J	1	1.5
Ethyl Acetate	09-MAY-07 12:34	0.273	ND	ppb v/v		1	0.5

Date Printed.....: 16-MAY-07 09:51
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02466**
DCL Report Group..: **07E-0376-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	09-MAY-07 12:34	0.98	ND	µg/m³		1	1.8
Hexane	09-MAY-07 12:34	0.121	1.2	ppb v/v		1	0.5
Hexane	09-MAY-07 12:34	0.43	4.1	µg/m³		1	1.8
Chloroform	09-MAY-07 12:34	0.115	ND	ppb v/v		1	0.5
Chloroform	09-MAY-07 12:34	0.56	ND	µg/m³		1	2.4
1,1,1-Trichloroethane	09-MAY-07 12:34	0.0725	ND	ppb v/v		1	0.5
1,1,1-Trichloroethane	09-MAY-07 12:34	0.40	ND	µg/m³		1	2.7
Carbon Tetrachloride	09-MAY-07 12:34	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	09-MAY-07 12:34	0.41	ND	µg/m³		1	3.1
Benzene	09-MAY-07 12:34	0.102	0.56	ppb v/v		1	0.5
Benzene	09-MAY-07 12:34	0.33	1.8	µg/m³		1	1.6
Tetrahydrofuran	09-MAY-07 12:34	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	09-MAY-07 12:34	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	09-MAY-07 12:34	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	09-MAY-07 12:34	0.62	ND	µg/m³		1	2.0
Cyclohexane	09-MAY-07 12:34	0.120	ND	ppb v/v		1	0.5
Cyclohexane	09-MAY-07 12:34	0.41	ND	µg/m³		1	1.7
Trichloroethene	09-MAY-07 12:34	0.120	ND	ppb v/v		1	0.5
Trichloroethene	09-MAY-07 12:34	0.64	ND	µg/m³		1	2.7
1,2-Dichloropropane	09-MAY-07 12:34	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	09-MAY-07 12:34	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	09-MAY-07 12:34	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	09-MAY-07 12:34	0.52	ND	µg/m³		1	3.3
Heptane	09-MAY-07 12:34	0.101	0.90	ppb v/v		1	0.5
Heptane	09-MAY-07 12:34	0.41	3.7	µg/m³		1	2.0
cis-1,3-Dichloropropene	09-MAY-07 12:34	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	09-MAY-07 12:34	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	09-MAY-07 12:34	0.116	ND	ppb v/v		1	0.5
4-Methyl-2-Pentanone	09-MAY-07 12:34	0.48	ND	µg/m³		1	2.0
Toluene	09-MAY-07 12:34	0.115	3.4	ppb v/v		1	0.5
Toluene	09-MAY-07 12:34	0.43	13.	µg/m³		1	1.9
trans-1,3-Dichloropropene	09-MAY-07 12:34	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	09-MAY-07 12:34	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	09-MAY-07 12:34	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	09-MAY-07 12:34	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	09-MAY-07 12:34	0.0847	0.16	ppb v/v	J	1	0.5
Tetrachloroethene	09-MAY-07 12:34	0.57	1.1	µg/m³	J	1	3.4
2-Hexanone	09-MAY-07 12:34	0.136	ND	ppb v/v		1	0.5
2-Hexanone	09-MAY-07 12:34	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	09-MAY-07 12:34	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	09-MAY-07 12:34	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	09-MAY-07 12:34	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	09-MAY-07 12:34	0.91	ND	µg/m³		1	3.8
Chlorobenzene	09-MAY-07 12:34	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	09-MAY-07 12:34	0.41	ND	µg/m³		1	2.3
Ethylbenzene	09-MAY-07 12:34	0.150	1.6	ppb v/v		1	0.5
Ethylbenzene	09-MAY-07 12:34	0.65	7.1	µg/m³		1	2.2
m,p-Xylene	09-MAY-07 12:34	0.213	3.7	ppb v/v		1	1.0
m,p-Xylene	09-MAY-07 12:34	0.92	16.	µg/m³		1	4.3
o-Xylene	09-MAY-07 12:34	0.113	1.4	ppb v/v		1	0.5
o-Xylene	09-MAY-07 12:34	0.49	6.0	µg/m³		1	2.2
Styrene	09-MAY-07 12:34	0.0748	0.23	ppb v/v	J	1	0.5
Styrene	09-MAY-07 12:34	0.32	0.98	µg/m³	J	1	2.1
Bromoform	09-MAY-07 12:34	0.0884	ND	ppb v/v		1	0.5
Bromoform	09-MAY-07 12:34	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	09-MAY-07 12:34	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	09-MAY-07 12:34	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	09-MAY-07 12:34	0.136	ND	ppb v/v		1	0.5

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S074804Z

Date Printed.....: 16-MAY-07 09:51
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02466**
DCL Report Group..: **07E-0376-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	09-MAY-07 12:34	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	09-MAY-07 12:34	0.0983	0.53	ppb v/v		1	0.5
4-Ethyl toluene	09-MAY-07 12:34	0.48	2.6	µg/m³		1	2.5
1,3,5-Trimethylbenzene	09-MAY-07 12:34	0.112	0.63	ppb v/v		1	0.5
1,3,5-Trimethylbenzene	09-MAY-07 12:34	0.55	3.1	µg/m³		1	2.5
1,2,4-Trimethylbenzene	09-MAY-07 12:34	0.117	2.2	ppb v/v		1	0.5
1,2,4-Trimethylbenzene	09-MAY-07 12:34	0.58	11.	µg/m³		1	2.5
1,3-Dichlorobenzene	09-MAY-07 12:34	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	09-MAY-07 12:34	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	09-MAY-07 12:34	0.0987	0.88	ppb v/v		1	0.5
1,4-Dichlorobenzene	09-MAY-07 12:34	0.59	5.3	µg/m³		1	3.0
1,2-Dichlorobenzene	09-MAY-07 12:34	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	09-MAY-07 12:34	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	09-MAY-07 12:34	0.115	ND UJ	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	09-MAY-07 12:34	0.85	ND UJ	µg/m³		1	3.7
Hexachlorobutadiene	09-MAY-07 12:34	0.119	ND UJ	ppb v/v		1	0.5
Hexachlorobutadiene	09-MAY-07 12:34	1.3	ND UJ	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Isobutane(4.54)	09-MAY-07 12:34	2.4	ppb v/v	J	1
Ethanol(5.30)	09-MAY-07 12:34	7.1	ppb v/v	J	1
Undecane(18.71)	09-MAY-07 12:34	5.4	ppb v/v	J	1
Naphthalene, decahydro-2-methy(19.28)	09-MAY-07 12:34	2.3	ppb v/v	J	1
Naphthalene, decahydro-1-methy(19.56)	09-MAY-07 12:34	3.1	ppb v/v	J	1
Dodecane(20.29)	09-MAY-07 12:34	2.3	ppb v/v	J	1

JH
6/5/07

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S0748050

Date Printed.....: 16-MAY-07 09:51

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: 0055729
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 0055729

Date Received.....: 09-MAY-07 00:00

Client Sample Name: **EPA-27-IA**
DCL Sample Name...: **07E02467**
DCL Report Group..: **07E-0376-01**

Matrix.....: AIR
Date Sampled.....: 07-MAY-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G074G01G
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-W
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	09-MAY-07 13:11	0.180	23.	ppb v/v	E	1	0.5
Propene	09-MAY-07 13:11	0.31	40.	µg/m³	E	1	0.86
Dichlorodifluoromethane	09-MAY-07 13:11	0.0669	0.53	ppb v/v		1	0.5
Dichlorodifluoromethane	09-MAY-07 13:11	0.33	2.6	µg/m³		1	2.5
Chloromethane	09-MAY-07 13:11	0.249	0.91	ppb v/v		1	0.5
Chloromethane	09-MAY-07 13:11	0.51	1.9	µg/m³		1	1.0
Freon 114	09-MAY-07 13:11	0.156	ND	ppb v/v		1	0.5
Freon 114	09-MAY-07 13:11	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	09-MAY-07 13:11	0.301	ND	ppb v/v		1	0.5
Vinyl Chloride	09-MAY-07 13:11	0.77	ND	µg/m³		1	1.3
1,3-Butadiene	09-MAY-07 13:11	0.346	0.75	ppb v/v		1	0.5
1,3-Butadiene	09-MAY-07 13:11	0.77	1.6	µg/m³		1	1.1
Bromomethane	09-MAY-07 13:11	0.215	ND	ppb v/v		1	0.5
Bromomethane	09-MAY-07 13:11	0.83	ND	µg/m³		1	1.9
Chloroethane	09-MAY-07 13:11	0.388	ND	ppb v/v		1	0.5
Chloroethane	09-MAY-07 13:11	1.0	ND	µg/m³		1	1.3
Freon 11	09-MAY-07 13:11	0.0921	0.39	ppb v/v	J	1	0.5
Freon 11	09-MAY-07 13:11	0.52	2.2	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	09-MAY-07 13:11	0.102	ND	ppb v/v		1	0.5
cis-1,2-Dichloroethene	09-MAY-07 13:11	0.40	ND	µg/m³		1	2.0
Carbon Disulfide	09-MAY-07 13:11	0.111	ND	ppb v/v		1	0.5
Carbon Disulfide	09-MAY-07 13:11	0.35	ND	µg/m³		1	1.6
Freon 113	09-MAY-07 13:11	0.0950	ND	ppb v/v		1	0.5
Freon 113	09-MAY-07 13:11	0.73	ND	µg/m³		1	3.8
Acetone	09-MAY-07 13:11	0.113	93.	ppb v/v	EB	1	0.5
Acetone	09-MAY-07 13:11	0.27	220	µg/m³	EB	1	1.2
Methylene Chloride	09-MAY-07 13:11	0.168	ND	ppb v/v		1	0.5
Methylene Chloride	09-MAY-07 13:11	0.58	ND	µg/m³		1	1.7
trans-1,2-Dichloroethene	09-MAY-07 13:11	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	09-MAY-07 13:11	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	09-MAY-07 13:11	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	09-MAY-07 13:11	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	09-MAY-07 13:11	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	09-MAY-07 13:11	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	09-MAY-07 13:11	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	09-MAY-07 13:11	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	09-MAY-07 13:11	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	09-MAY-07 13:11	0.43	ND	µg/m³		1	2.0
2-Butanone	09-MAY-07 13:11	0.182	1.0	ppb v/v		1	0.5
2-Butanone	09-MAY-07 13:11	0.54	3.0	µg/m³		1	1.5
Ethyl Acetate	09-MAY-07 13:11	0.273	1.0	ppb v/v		1	0.5

Date Printed.....: 16-MAY-07 09:51
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02467**
DCL Report Group..: **07E-0376-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	09-MAY-07 13:11	0.98	3.6	µg/m³		1	1.8
Hexane	09-MAY-07 13:11	0.121	0.34	ppb v/v	J	1	0.5
Hexane	09-MAY-07 13:11	0.43	1.2	µg/m³	J	1	1.8
Chloroform	09-MAY-07 13:11	0.115	ND	ppb v/v		1	0.5
Chloroform	09-MAY-07 13:11	0.56	ND	µg/m³		1	2.4
1,1,1-Trichloroethane	09-MAY-07 13:11	0.0725	ND	ppb v/v		1	0.5
1,1,1-Trichloroethane	09-MAY-07 13:11	0.40	ND	µg/m³		1	2.7
Carbon Tetrachloride	09-MAY-07 13:11	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	09-MAY-07 13:11	0.41	ND	µg/m³		1	3.1
Benzene	09-MAY-07 13:11	0.102	0.49	ppb v/v	J	1	0.5
Benzene	09-MAY-07 13:11	0.33	1.6	µg/m³	J	1	1.6
Tetrahydrofuran	09-MAY-07 13:11	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	09-MAY-07 13:11	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	09-MAY-07 13:11	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	09-MAY-07 13:11	0.62	ND	µg/m³		1	2.0
Cyclohexane	09-MAY-07 13:11	0.120	ND	ppb v/v		1	0.5
Cyclohexane	09-MAY-07 13:11	0.41	ND	µg/m³		1	1.7
Trichloroethene	09-MAY-07 13:11	0.120	ND	ppb v/v		1	0.5
Trichloroethene	09-MAY-07 13:11	0.64	ND	µg/m³		1	2.7
1,2-Dichloropropane	09-MAY-07 13:11	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	09-MAY-07 13:11	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	09-MAY-07 13:11	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	09-MAY-07 13:11	0.52	ND	µg/m³		1	3.3
Heptane	09-MAY-07 13:11	0.101	0.17	ppb v/v	J	1	0.5
Heptane	09-MAY-07 13:11	0.41	0.71	µg/m³	J	1	2.0
cis-1,3-Dichloropropene	09-MAY-07 13:11	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	09-MAY-07 13:11	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	09-MAY-07 13:11	0.116	ND	ppb v/v		1	0.5
4-Methyl-2-Pentanone	09-MAY-07 13:11	0.48	ND	µg/m³		1	2.0
Toluene	09-MAY-07 13:11	0.115	28.	ppb v/v	E	1	0.5
Toluene	09-MAY-07 13:11	0.43	100	µg/m³	E	1	1.9
trans-1,3-Dichloropropene	09-MAY-07 13:11	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	09-MAY-07 13:11	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	09-MAY-07 13:11	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	09-MAY-07 13:11	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	09-MAY-07 13:11	0.0847	ND	ppb v/v		1	0.5
Tetrachloroethene	09-MAY-07 13:11	0.57	ND	µg/m³		1	3.4
2-Hexanone	09-MAY-07 13:11	0.136	ND	ppb v/v		1	0.5
2-Hexanone	09-MAY-07 13:11	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	09-MAY-07 13:11	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	09-MAY-07 13:11	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	09-MAY-07 13:11	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	09-MAY-07 13:11	0.91	ND	µg/m³		1	3.8
Chlorobenzene	09-MAY-07 13:11	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	09-MAY-07 13:11	0.41	ND	µg/m³		1	2.3
Ethylbenzene	09-MAY-07 13:11	0.150	0.55	ppb v/v		1	0.5
Ethylbenzene	09-MAY-07 13:11	0.65	2.4	µg/m³		1	2.2
m,p-Xylene	09-MAY-07 13:11	0.213	1.7	ppb v/v		1	1.0
m,p-Xylene	09-MAY-07 13:11	0.92	7.2	µg/m³		1	4.3
o-Xylene	09-MAY-07 13:11	0.113	0.47	ppb v/v	J	1	0.5
o-Xylene	09-MAY-07 13:11	0.49	2.1	µg/m³	J	1	2.2
Styrene	09-MAY-07 13:11	0.0748	0.43	ppb v/v	J	1	0.5
Styrene	09-MAY-07 13:11	0.32	1.8	µg/m³	J	1	2.1
Bromoform	09-MAY-07 13:11	0.0884	ND	ppb v/v		1	0.5
Bromoform	09-MAY-07 13:11	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	09-MAY-07 13:11	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	09-MAY-07 13:11	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	09-MAY-07 13:11	0.136	ND	ppb v/v		1	0.5

Date Printed.....: 16-MAY-07 09:51
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02467**
DCL Report Group..: **07E-0376-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	09-MAY-07 13:11	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	09-MAY-07 13:11	0.0983	ND	ppb v/v		1	0.5
4-Ethyl toluene	09-MAY-07 13:11	0.48	ND	µg/m³		1	2.5
1,3,5-Trimethylbenzene	09-MAY-07 13:11	0.112	ND	ppb v/v		1	0.5
1,3,5-Trimethylbenzene	09-MAY-07 13:11	0.55	ND	µg/m³		1	2.5
1,2,4-Trimethylbenzene	09-MAY-07 13:11	0.117	0.36	ppb v/v	J	1	0.5
1,2,4-Trimethylbenzene	09-MAY-07 13:11	0.58	1.8	µg/m³	J	1	2.5
1,3-Dichlorobenzene	09-MAY-07 13:11	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	09-MAY-07 13:11	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	09-MAY-07 13:11	0.0987	ND	ppb v/v		1	0.5
1,4-Dichlorobenzene	09-MAY-07 13:11	0.59	ND	µg/m³		1	3.0
1,2-Dichlorobenzene	09-MAY-07 13:11	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	09-MAY-07 13:11	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	09-MAY-07 13:11	0.115	ND UJ	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	09-MAY-07 13:11	0.85	ND UJ	µg/m³		1	3.7
Hexachlorobutadiene	09-MAY-07 13:11	0.119	ND UJ	ppb v/v		1	0.5
Hexachlorobutadiene	09-MAY-07 13:11	1.3	ND UJ	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Ethane, 1,1-difluoro-(4.10)	09-MAY-07 13:11	52.	ppb v/v	J	1
Isobutane(4.54)	09-MAY-07 13:11	7.3	ppb v/v	J	1
Ethanol(5.30)	09-MAY-07 13:11	500	ppb v/v	J	1
1,3-Butadiene, 2-methyl-(6.21)	09-MAY-07 13:11	2.3	ppb v/v	J	1
Cyclopentane(7.46)	09-MAY-07 13:11	3.8	ppb v/v	J	1
C11 Hydrocarbon(17.08)	09-MAY-07 13:11	2.8	ppb v/v	J	1

LY
6/5/07

BEHR VOC PLUME SITE
DAYTON, OHIO
DATA VALIDATION REPORT

Date: June 5, 2007
Laboratory: DataChem Laboratories, Inc. (DataChem), Salt Lake City, Utah
Laboratory SDG #/Set ID #: BEHR/07E-0380-01
Data Validation Performed By: Lisa Graczyk, Dynamac Corporation (Dynamac), subcontractor to Weston Solutions, Inc. (Weston)
Weston Analytical Work Order #/TDD #: 20405.016.003.0121.00/S05-0612-007

This data validation report has been prepared by Dynamac, a Weston subcontractor, under the START III Region V contract. This report documents the data validation of air samples collected for the Behr VOC Plume Site that were analyzed for Volatile Organic Compounds (VOC) by U.S. Environmental Protection Agency (U.S. EPA) method TO-15. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Organic Data Review" dated October 1999.

VOCs in Air by U.S. EPA Method TO15

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
EPA-28-SS	07E02472	Air	05/08/07	NA	05/10/07
EPA-29-SS	07E02473	Air	05/08/07	NA	05/10/07

2. Holding Times

The samples were analyzed within the required holding time limit of 30 days from sample collection in accordance with method TO-15.

3. Instrument Performance Check

The instrument performance check using bromofluorobenzene (BFB) was performed within the 24-hour period for which the samples were analyzed as required for method TO-15. The BFB standard met the ion abundance criteria specified in method TO-15.

4. Initial Calibration

For the initial calibration, the percent relative standard deviations (%RSD) for all compounds were less than 30 percent except for propene. The results for propene were flagged "J" as estimated for this discrepancy. The average relative response factors were all greater than 0.05.

5. Continuing Calibration

The percent differences (%D) in the continuing calibration standard for all target compounds were within the control limit of less than or equal to 25 percent except for propene and acetone. The results for propene and acetone were flagged "J" as estimated for this discrepancy.

6. Blanks

The method blank associated with the samples was free of target compound contamination.

7. Surrogates

The 4-bromofluorobenzene surrogate spike recoveries in the samples were within the quality control (QC) limits.

8. Laboratory Control Sample (LCS)

All LCS recoveries and LCS duplicate recoveries were within the laboratory-established QC limits of 70 to 130 percent recovery.

9. Internal Standard Results

The internal standard area counts in the samples were within -50 percent to +100 percent of the area counts of the associated continuing calibration standard. The retention time of the internal standards did not vary more than ±30 seconds from the retention time of the associated continuing calibration standard.

10. Target Compound Identification

A spot-check was performed of the mass spectra for detected compounds. The spot-check confirmed compound identification. DataChem appropriately flagged those results

detected above the method detection limit but below the quantitation limit as “J” or estimated.

ATTACHMENT

DATACHEM LABORATORIES
RESULTS SUMMARY

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S0749015

Date Printed.....: 16-MAY-07 10:12

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: 0055729
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 0055729

Date Received.....: 10-MAY-07 00:00

Client Sample Name: **EPA-28-SS|107009**
DCL Sample Name...: **07E02472**
DCL Report Group..: **07E-0380-01**

Matrix.....: AIR
Date Sampled.....: 08-MAY-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G074G01H
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-O
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	10-MAY-07 10:47	0.180	2.2 J	ppb v/v		1	0.5
Propene	10-MAY-07 10:47	0.31	3.8 J	µg/m³		1	0.86
Dichlorodifluoromethane	10-MAY-07 10:47	0.0669	1.1	ppb v/v		1	0.5
Dichlorodifluoromethane	10-MAY-07 10:47	0.33	5.4	µg/m³		1	2.5
Chloromethane	10-MAY-07 10:47	0.249	ND	ppb v/v		1	0.5
Chloromethane	10-MAY-07 10:47	0.51	ND	µg/m³		1	1.0
Freon 114	10-MAY-07 10:47	0.156	ND	ppb v/v		1	0.5
Freon 114	10-MAY-07 10:47	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	10-MAY-07 10:47	0.301	ND	ppb v/v		1	0.5
Vinyl Chloride	10-MAY-07 10:47	0.77	ND	µg/m³		1	1.3
1,3-Butadiene	10-MAY-07 10:47	0.346	ND	ppb v/v		1	0.5
1,3-Butadiene	10-MAY-07 10:47	0.77	ND	µg/m³		1	1.1
Bromomethane	10-MAY-07 10:47	0.215	ND	ppb v/v		1	0.5
Bromomethane	10-MAY-07 10:47	0.83	ND	µg/m³		1	1.9
Chloroethane	10-MAY-07 10:47	0.388	ND	ppb v/v		1	0.5
Chloroethane	10-MAY-07 10:47	1.0	ND	µg/m³		1	1.3
Freon 11	10-MAY-07 10:47	0.0921	1.1	ppb v/v		1	0.5
Freon 11	10-MAY-07 10:47	0.52	6.1	µg/m³		1	2.8
cis-1,2-Dichloroethene	10-MAY-07 10:47	0.102	ND	ppb v/v		1	0.5
cis-1,2-Dichloroethene	10-MAY-07 10:47	0.40	ND	µg/m³		1	2.0
Carbon Disulfide	10-MAY-07 10:47	0.111	ND	ppb v/v		1	0.5
Carbon Disulfide	10-MAY-07 10:47	0.35	ND	µg/m³		1	1.6
Freon 113	10-MAY-07 10:47	0.0950	ND	ppb v/v		1	0.5
Freon 113	10-MAY-07 10:47	0.73	ND	µg/m³		1	3.8
Acetone	10-MAY-07 10:47	0.113	24. J	ppb v/v	E	1	0.5
Acetone	10-MAY-07 10:47	0.27	57. J	µg/m³	E	1	1.2
Methylene Chloride	10-MAY-07 10:47	0.168	ND	ppb v/v		1	0.5
Methylene Chloride	10-MAY-07 10:47	0.58	ND	µg/m³		1	1.7
trans-1,2-Dichloroethene	10-MAY-07 10:47	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	10-MAY-07 10:47	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	10-MAY-07 10:47	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	10-MAY-07 10:47	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	10-MAY-07 10:47	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	10-MAY-07 10:47	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	10-MAY-07 10:47	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	10-MAY-07 10:47	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	10-MAY-07 10:47	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	10-MAY-07 10:47	0.43	ND	µg/m³		1	2.0
2-Butanone	10-MAY-07 10:47	0.182	ND	ppb v/v		1	0.5
2-Butanone	10-MAY-07 10:47	0.54	ND	µg/m³		1	1.5
Ethyl Acetate	10-MAY-07 10:47	0.273	ND	ppb v/v		1	0.5

960 West LeVoy Drive / Salt Lake City, Utah 84123-2547
Phone (801) 266-7700 Web Page: www.datachem.com
FAX (801) 268-9992 E-mail: lab@datachem.com

6/5/07

Date Printed.....: 16-MAY-07 10:12
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02472**
DCL Report Group..: **07E-0380-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	10-MAY-07 10:47	0.98	ND	µg/m³		1	1.8
Hexane	10-MAY-07 10:47	0.121	0.91	ppb v/v		1	0.5
Hexane	10-MAY-07 10:47	0.43	3.2	µg/m³		1	1.8
Chloroform	10-MAY-07 10:47	0.115	ND	ppb v/v		1	0.5
Chloroform	10-MAY-07 10:47	0.56	ND	µg/m³		1	2.4
1,1,1-Trichloroethane	10-MAY-07 10:47	0.0725	ND	ppb v/v		1	0.5
1,1,1-Trichloroethane	10-MAY-07 10:47	0.40	ND	µg/m³		1	2.7
Carbon Tetrachloride	10-MAY-07 10:47	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	10-MAY-07 10:47	0.41	ND	µg/m³		1	3.1
Benzene	10-MAY-07 10:47	0.102	0.73	ppb v/v		1	0.5
Benzene	10-MAY-07 10:47	0.33	2.3	µg/m³		1	1.6
Tetrahydrofuran	10-MAY-07 10:47	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	10-MAY-07 10:47	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	10-MAY-07 10:47	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	10-MAY-07 10:47	0.62	ND	µg/m³		1	2.0
Cyclohexane	10-MAY-07 10:47	0.120	0.71	ppb v/v		1	0.5
Cyclohexane	10-MAY-07 10:47	0.41	2.4	µg/m³		1	1.7
Trichloroethene	10-MAY-07 10:47	0.120	ND	ppb v/v		1	0.5
Trichloroethene	10-MAY-07 10:47	0.64	ND	µg/m³		1	2.7
1,2-Dichloropropane	10-MAY-07 10:47	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	10-MAY-07 10:47	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	10-MAY-07 10:47	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	10-MAY-07 10:47	0.52	ND	µg/m³		1	3.3
Heptane	10-MAY-07 10:47	0.101	0.66	ppb v/v		1	0.5
Heptane	10-MAY-07 10:47	0.41	2.7	µg/m³		1	2.0
cis-1,3-Dichloropropene	10-MAY-07 10:47	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	10-MAY-07 10:47	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	10-MAY-07 10:47	0.116	ND	ppb v/v		1	0.5
4-Methyl-2-Pentanone	10-MAY-07 10:47	0.48	ND	µg/m³		1	2.0
Toluene	10-MAY-07 10:47	0.115	1.8	ppb v/v		1	0.5
Toluene	10-MAY-07 10:47	0.43	6.8	µg/m³		1	1.9
trans-1,3-Dichloropropene	10-MAY-07 10:47	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	10-MAY-07 10:47	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	10-MAY-07 10:47	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	10-MAY-07 10:47	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	10-MAY-07 10:47	0.0847	5.6	ppb v/v		1	0.5
Tetrachloroethene	10-MAY-07 10:47	0.57	38.	µg/m³		1	3.4
2-Hexanone	10-MAY-07 10:47	0.136	ND	ppb v/v		1	0.5
2-Hexanone	10-MAY-07 10:47	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	10-MAY-07 10:47	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	10-MAY-07 10:47	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	10-MAY-07 10:47	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	10-MAY-07 10:47	0.91	ND	µg/m³		1	3.8
Chlorobenzene	10-MAY-07 10:47	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	10-MAY-07 10:47	0.41	ND	µg/m³		1	2.3
Ethylbenzene	10-MAY-07 10:47	0.150	0.86	ppb v/v		1	0.5
Ethylbenzene	10-MAY-07 10:47	0.65	3.7	µg/m³		1	2.2
m,p-Xylene	10-MAY-07 10:47	0.213	1.5	ppb v/v		1	1.0
m,p-Xylene	10-MAY-07 10:47	0.92	6.6	µg/m³		1	4.3
o-Xylene	10-MAY-07 10:47	0.113	0.63	ppb v/v		1	0.5
o-Xylene	10-MAY-07 10:47	0.49	2.7	µg/m³		1	2.2
Styrene	10-MAY-07 10:47	0.0748	0.10	ppb v/v	J	1	0.5
Styrene	10-MAY-07 10:47	0.32	0.43	µg/m³	J	1	2.1
Bromoform	10-MAY-07 10:47	0.0884	ND	ppb v/v		1	0.5
Bromoform	10-MAY-07 10:47	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	10-MAY-07 10:47	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	10-MAY-07 10:47	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	10-MAY-07 10:47	0.136	ND	ppb v/v		1	0.5

DATA CHEM
LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S0749015

Date Printed.....: 16-MAY-07 10:12
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02472**
DCL Report Group..: **07E-0380-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	10-MAY-07 10:47	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	10-MAY-07 10:47	0.0983	0.14	ppb v/v	J	1	0.5
4-Ethyl toluene	10-MAY-07 10:47	0.48	0.70	µg/m³	J	1	2.5
1,3,5-Trimethylbenzene	10-MAY-07 10:47	0.112	0.25	ppb v/v	J	1	0.5
1,3,5-Trimethylbenzene	10-MAY-07 10:47	0.55	1.2	µg/m³	J	1	2.5
1,2,4-Trimethylbenzene	10-MAY-07 10:47	0.117	0.90	ppb v/v		1	0.5
1,2,4-Trimethylbenzene	10-MAY-07 10:47	0.58	4.4	µg/m³		1	2.5
1,3-Dichlorobenzene	10-MAY-07 10:47	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	10-MAY-07 10:47	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	10-MAY-07 10:47	0.0987	ND	ppb v/v		1	0.5
1,4-Dichlorobenzene	10-MAY-07 10:47	0.59	ND	µg/m³		1	3.0
1,2-Dichlorobenzene	10-MAY-07 10:47	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	10-MAY-07 10:47	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	10-MAY-07 10:47	0.115	ND	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	10-MAY-07 10:47	0.85	ND	µg/m³		1	3.7
Hexachlorobutadiene	10-MAY-07 10:47	0.119	ND	ppb v/v		1	0.5
Hexachlorobutadiene	10-MAY-07 10:47	1.3	ND	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Isobutane(4.62)	10-MAY-07 10:47	2.4	ppb v/v	J	1
Unknown fluorocarbon(13.76)	10-MAY-07 10:47	33.	ppb v/v	J	1

960 West LeVoy Drive / Salt Lake City, Utah 84123-2547
Phone (801) 266-7700 Web Page: www.datachem.com
FAX (801) 268-9992 E-mail: lab@datachem.com

DATA CHEM LABORATORIES
A Sorenson Company

FORM A (TYPE I)
SINGLE METHOD ANALYSES

SAMPLE ANALYSIS DATA SHEET

S0749016

Date Printed.....: 16-MAY-07 10:12

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: 0055729
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 0055729

Date Received.....: 10-MAY-07 00:00

Client Sample Name: **EPA-29-SS|108680**
DCL Sample Name...: **07E02473**
DCL Report Group..: **07E-0380-01**

Matrix.....: AIR
Date Sampled.....: 08-MAY-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G074G01H
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-0
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	10-MAY-07 11:28	0.180	5.6 J	ppb v/v		1	0.5
Propene	10-MAY-07 11:28	0.31	9.6 J	µg/m³		1	0.86
Dichlorodifluoromethane	10-MAY-07 11:28	0.0669	0.67	ppb v/v		1	0.5
Dichlorodifluoromethane	10-MAY-07 11:28	0.33	3.3	µg/m³		1	2.5
Chloromethane	10-MAY-07 11:28	0.249	ND	ppb v/v		1	0.5
Chloromethane	10-MAY-07 11:28	0.51	ND	µg/m³		1	1.0
Freon 114	10-MAY-07 11:28	0.156	ND	ppb v/v		1	0.5
Freon 114	10-MAY-07 11:28	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	10-MAY-07 11:28	0.301	ND	ppb v/v		1	0.5
Vinyl Chloride	10-MAY-07 11:28	0.77	ND	µg/m³		1	1.3
1,3-Butadiene	10-MAY-07 11:28	0.346	ND	ppb v/v		1	0.5
1,3-Butadiene	10-MAY-07 11:28	0.77	ND	µg/m³		1	1.1
Bromomethane	10-MAY-07 11:28	0.215	ND	ppb v/v		1	0.5
Bromomethane	10-MAY-07 11:28	0.83	ND	µg/m³		1	1.9
Chloroethane	10-MAY-07 11:28	0.388	ND	ppb v/v		1	0.5
Chloroethane	10-MAY-07 11:28	1.0	ND	µg/m³		1	1.3
Freon 11	10-MAY-07 11:28	0.0921	0.38	ppb v/v	J	1	0.5
Freon 11	10-MAY-07 11:28	0.52	2.1	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	10-MAY-07 11:28	0.102	7.0	ppb v/v		1	0.5
cis-1,2-Dichloroethene	10-MAY-07 11:28	0.40	28.	µg/m³		1	2.0
Carbon Disulfide	10-MAY-07 11:28	0.111	ND	ppb v/v		1	0.5
Carbon Disulfide	10-MAY-07 11:28	0.35	ND	µg/m³		1	1.6
Freon 113	10-MAY-07 11:28	0.0950	0.20	ppb v/v	J	1	0.5
Freon 113	10-MAY-07 11:28	0.73	1.5	µg/m³	J	1	3.8
Acetone	10-MAY-07 11:28	0.113	7.9 J	ppb v/v		1	0.5
Acetone	10-MAY-07 11:28	0.27	19. J	µg/m³		1	1.2
Methylene Chloride	10-MAY-07 11:28	0.168	1.3	ppb v/v		1	0.5
Methylene Chloride	10-MAY-07 11:28	0.58	4.4	µg/m³		1	1.7
trans-1,2-Dichloroethene	10-MAY-07 11:28	0.118	0.38	ppb v/v	J	1	0.5
trans-1,2-Dichloroethene	10-MAY-07 11:28	0.47	1.5	µg/m³	J	1	2.0
1,1-Dichloroethane	10-MAY-07 11:28	0.116	1.0	ppb v/v		1	0.5
1,1-Dichloroethane	10-MAY-07 11:28	0.47	4.1	µg/m³		1	2.0
Methyl t-Butyl Ether	10-MAY-07 11:28	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	10-MAY-07 11:28	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	10-MAY-07 11:28	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	10-MAY-07 11:28	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	10-MAY-07 11:28	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	10-MAY-07 11:28	0.43	ND	µg/m³		1	2.0
2-Butanone	10-MAY-07 11:28	0.182	ND	ppb v/v		1	0.5
2-Butanone	10-MAY-07 11:28	0.54	ND	µg/m³		1	1.5
Ethyl Acetate	10-MAY-07 11:28	0.273	ND	ppb v/v		1	0.5

960 West LeVoy Drive / Salt Lake City, Utah 84123-2547
Phone (801) 266-7700
FAX (801) 268-9992
Web Page: www.datachem.com
E-mail: lab@datachem.com

LY 6/5/07

Date Printed.....: 16-MAY-07 10:12
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02473**
DCL Report Group..: **07E-0380-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	10-MAY-07 11:28	0.98	ND	µg/m³		1	1.8
Hexane	10-MAY-07 11:28	0.121	2.6	ppb v/v		1	0.5
Hexane	10-MAY-07 11:28	0.43	9.3	µg/m³		1	1.8
Chloroform	10-MAY-07 11:28	0.115	5.6	ppb v/v		1	0.5
Chloroform	10-MAY-07 11:28	0.56	27.	µg/m³		1	2.4
1,1,1-Trichloroethane	10-MAY-07 11:28	0.0725	4.7	ppb v/v		1	0.5
1,1,1-Trichloroethane	10-MAY-07 11:28	0.40	26.	µg/m³		1	2.7
Carbon Tetrachloride	10-MAY-07 11:28	0.0657	0.41	ppb v/v	J	1	0.5
Carbon Tetrachloride	10-MAY-07 11:28	0.41	2.5	µg/m³	J	1	3.1
Benzene	10-MAY-07 11:28	0.102	1.5	ppb v/v		1	0.5
Benzene	10-MAY-07 11:28	0.33	4.7	µg/m³		1	1.6
Tetrahydrofuran	10-MAY-07 11:28	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	10-MAY-07 11:28	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	10-MAY-07 11:28	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	10-MAY-07 11:28	0.62	ND	µg/m³		1	2.0
Cyclohexane	10-MAY-07 11:28	0.120	1.0	ppb v/v		1	0.5
Cyclohexane	10-MAY-07 11:28	0.41	3.6	µg/m³		1	1.7
Trichloroethene	10-MAY-07 11:28	1.2	1000	ppb v/v		10	5.0
Trichloroethene	10-MAY-07 11:28	6.4	5400	µg/m³		10	27.
1,2-Dichloropropane	10-MAY-07 11:28	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	10-MAY-07 11:28	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	10-MAY-07 11:28	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	10-MAY-07 11:28	0.52	ND	µg/m³		1	3.3
Heptane	10-MAY-07 11:28	0.101	2.2	ppb v/v		1	0.5
Heptane	10-MAY-07 11:28	0.41	9.2	µg/m³		1	2.0
cis-1,3-Dichloropropene	10-MAY-07 11:28	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	10-MAY-07 11:28	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	10-MAY-07 11:28	0.116	ND	ppb v/v		1	0.5
4-Methyl-2-Pentanone	10-MAY-07 11:28	0.48	ND	µg/m³		1	2.0
Toluene	10-MAY-07 11:28	0.115	5.4	ppb v/v		1	0.5
Toluene	10-MAY-07 11:28	0.43	20.	µg/m³		1	1.9
trans-1,3-Dichloropropene	10-MAY-07 11:28	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	10-MAY-07 11:28	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	10-MAY-07 11:28	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	10-MAY-07 11:28	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	10-MAY-07 11:28	0.85	41.	ppb v/v		10	5.0
Tetrachloroethene	10-MAY-07 11:28	5.7	280	µg/m³		10	34.
2-Hexanone	10-MAY-07 11:28	0.136	ND	ppb v/v		1	0.5
2-Hexanone	10-MAY-07 11:28	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	10-MAY-07 11:28	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	10-MAY-07 11:28	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	10-MAY-07 11:28	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	10-MAY-07 11:28	0.91	ND	µg/m³		1	3.8
Chlorobenzene	10-MAY-07 11:28	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	10-MAY-07 11:28	0.41	ND	µg/m³		1	2.3
Ethylbenzene	10-MAY-07 11:28	0.150	2.4	ppb v/v		1	0.5
Ethylbenzene	10-MAY-07 11:28	0.65	10.	µg/m³		1	2.2
m,p-Xylene	10-MAY-07 11:28	0.213	3.5	ppb v/v		1	1.0
m,p-Xylene	10-MAY-07 11:28	0.92	15.	µg/m³		1	4.3
o-Xylene	10-MAY-07 11:28	0.113	1.9	ppb v/v		1	0.5
o-Xylene	10-MAY-07 11:28	0.49	8.4	µg/m³		1	2.2
Styrene	10-MAY-07 11:28	0.0748	0.19	ppb v/v	J	1	0.5
Styrene	10-MAY-07 11:28	0.32	0.82	µg/m³	J	1	2.1
Bromoform	10-MAY-07 11:28	0.0884	ND	ppb v/v		1	0.5
Bromoform	10-MAY-07 11:28	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	10-MAY-07 11:28	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	10-MAY-07 11:28	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	10-MAY-07 11:28	0.136	ND	ppb v/v		1	0.5

Date Printed.....: 16-MAY-07 10:12
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02473**
DCL Report Group..: **07E-0380-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	10-MAY-07 11:28	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	10-MAY-07 11:28	0.0983	0.43	ppb v/v	J	1	0.5
4-Ethyl toluene	10-MAY-07 11:28	0.48	2.1	µg/m³	J	1	2.5
1,3,5-Trimethylbenzene	10-MAY-07 11:28	0.112	0.60	ppb v/v		1	0.5
1,3,5-Trimethylbenzene	10-MAY-07 11:28	0.55	3.0	µg/m³		1	2.5
1,2,4-Trimethylbenzene	10-MAY-07 11:28	0.117	2.3	ppb v/v		1	0.5
1,2,4-Trimethylbenzene	10-MAY-07 11:28	0.58	11.	µg/m³		1	2.5
1,3-Dichlorobenzene	10-MAY-07 11:28	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	10-MAY-07 11:28	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	10-MAY-07 11:28	0.0987	2.0	ppb v/v		1	0.5
1,4-Dichlorobenzene	10-MAY-07 11:28	0.59	12.	µg/m³		1	3.0
1,2-Dichlorobenzene	10-MAY-07 11:28	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	10-MAY-07 11:28	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	10-MAY-07 11:28	0.115	ND	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	10-MAY-07 11:28	0.85	ND	µg/m³		1	3.7
Hexachlorobutadiene	10-MAY-07 11:28	0.119	ND	ppb v/v		1	0.5
Hexachlorobutadiene	10-MAY-07 11:28	1.3	ND	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Unknown fluorocarbon(4.53)	10-MAY-07 11:28	3.6	ppb v/v	J	1
Isobutane(4.63)	10-MAY-07 11:28	4.2	ppb v/v	J	1
Butane(4.91)	10-MAY-07 11:28	3.3	ppb v/v	J	1
1-Propene, 2-methyl-(5.82)	10-MAY-07 11:28	2.7	ppb v/v	J	1
Pentane(6.25)	10-MAY-07 11:28	2.5	ppb v/v	J	1
CYCLOHEXANE, METHYL-(11.42)	10-MAY-07 11:28	2.4	ppb v/v	J	1
Unknown fluorocarbon(13.77)	10-MAY-07 11:28	20.	ppb v/v	J	1
C11 Hydrocarbon(17.41)	10-MAY-07 11:28	2.4	ppb v/v	J	1
Undecane(18.66)	10-MAY-07 11:28	3.5	ppb v/v	J	1
Dodecane(20.22)	10-MAY-07 11:28	2.8	ppb v/v	J	1

BEHR VOC PLUME SITE
DAYTON, OHIO
DATA VALIDATION REPORT

Date: June 5, 2007
Laboratory: DataChem Laboratories, Inc. (DataChem), Salt Lake City, Utah
Laboratory SDG #/Set ID #: BEHR/07E-0383-01
Data Validation Performed By: Lisa Graczyk, Dynamac Corporation (Dynamac), subcontractor to Weston Solutions, Inc. (Weston)
Weston Analytical Work Order #/TDD #: 20405.016.003.0121.00/S05-0612-007

This data validation report has been prepared by Dynamac, a Weston subcontractor, under the START III Region V contract. This report documents the data validation of air samples collected for the Behr VOC Plume Site that were analyzed for Volatile Organic Compounds (VOC) by U.S. Environmental Protection Agency (U.S. EPA) method TO-15. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Organic Data Review" dated October 1999.

VOCs in Air by U.S. EPA Method TO15

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
EPA-30-SS	07E02477	Air	05/09/07	NA	05/15/07
EPA-31-SS	07E02478	Air	05/09/07	NA	05/15/07

2. Holding Times

The samples were analyzed within the required holding time limit of 30 days from sample collection in accordance with method TO-15.

3. Instrument Performance Check

The instrument performance check using bromofluorobenzene (BFB) was performed within the 24-hour period for which the samples were analyzed as required for method TO-15. The BFB standard met the ion abundance criteria specified in method TO-15.

4. Initial Calibration

For the initial calibration, the percent relative standard deviations (%RSD) for all compounds were less than 30 percent. The average relative response factors were all greater than 0.05.

5. Continuing Calibration

The percent differences (%D) in the continuing calibration standard for all target compounds were within the control limit of less than or equal to 25 percent except for hexachlorobutadiene which had a %D of 26. No qualifications were applied for this minor discrepancy.

6. Blanks

The method blank associated with the samples was free of target compound contamination.

7. Surrogates

The 4-bromofluorobenzene surrogate spike recoveries in the samples were within the quality control (QC) limits.

8. Laboratory Control Sample (LCS)

All LCS recoveries and LCS duplicate recoveries were within the laboratory-established QC limits of 70 to 130 percent recovery except for hexachlorobutadiene which was detected high in the LCS and LCS duplicate. Because hexachlorobutadiene was not detected in the samples no qualifications are warranted.

9. Internal Standard Results

The internal standard area counts in the samples were within -50 percent to +100 percent of the area counts of the associated continuing calibration standard. The retention time of the internal standards did not vary more than ±30 seconds from the retention time of the associated continuing calibration standard.

10. Target Compound Identification

A spot-check was performed of the mass spectra for detected compounds. The spot-check confirmed compound identification. DataChem appropriately flagged those results

detected above the method detection limit but below the quantitation limit as “J” or estimated.

ATTACHMENT

DATACHEM LABORATORIES
RESULTS SUMMARY

SAMPLE ANALYSIS DATA SHEET


S074B02M

Date Printed.....: 18-MAY-07 09:00

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: 0055729
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 0055729

Date Received.....: 11-MAY-07 00:00

Client Sample Name: **EPA-30-SS**
DCL Sample Name...: **07E02477**
DCL Report Group..: **07E-0383-01**

Matrix.....: AIR
Date Sampled.....: 09-MAY-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G074J010
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-0
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	15-MAY-07 17:26	0.180	2.5	ppb v/v		1	0.5
Propene	15-MAY-07 17:26	0.31	4.4	µg/m³		1	0.86
Dichlorodifluoromethane	15-MAY-07 17:26	0.0669	0.69	ppb v/v		1	0.5
Dichlorodifluoromethane	15-MAY-07 17:26	0.33	3.4	µg/m³		1	2.5
Chloromethane	15-MAY-07 17:26	0.249	ND	ppb v/v		1	0.5
Chloromethane	15-MAY-07 17:26	0.51	ND	µg/m³		1	1.0
Freon 114	15-MAY-07 17:26	0.156	ND	ppb v/v		1	0.5
Freon 114	15-MAY-07 17:26	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	15-MAY-07 17:26	0.301	ND	ppb v/v		1	0.5
Vinyl Chloride	15-MAY-07 17:26	0.77	ND	µg/m³		1	1.3
1,3-Butadiene	15-MAY-07 17:26	0.346	0.74	ppb v/v		1	0.5
1,3-Butadiene	15-MAY-07 17:26	0.77	1.6	µg/m³		1	1.1
Bromomethane	15-MAY-07 17:26	0.215	ND	ppb v/v		1	0.5
Bromomethane	15-MAY-07 17:26	0.83	ND	µg/m³		1	1.9
Chloroethane	15-MAY-07 17:26	0.388	ND	ppb v/v		1	0.5
Chloroethane	15-MAY-07 17:26	1.0	ND	µg/m³		1	1.3
Freon 11	15-MAY-07 17:26	0.0921	0.32	ppb v/v	J	1	0.5
Freon 11	15-MAY-07 17:26	0.52	1.8	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	15-MAY-07 17:26	0.102	ND	ppb v/v		1	0.5
cis-1,2-Dichloroethene	15-MAY-07 17:26	0.40	ND	µg/m³		1	2.0
Carbon Disulfide	15-MAY-07 17:26	0.111	0.99	ppb v/v		1	0.5
Carbon Disulfide	15-MAY-07 17:26	0.35	3.1	µg/m³		1	1.6
Freon 113	15-MAY-07 17:26	0.0950	ND	ppb v/v		1	0.5
Freon 113	15-MAY-07 17:26	0.73	ND	µg/m³		1	3.8
Acetone	15-MAY-07 17:26	0.113	5.9	ppb v/v		1	0.5
Acetone	15-MAY-07 17:26	0.27	14.	µg/m³		1	1.2
Methylene Chloride	15-MAY-07 17:26	0.168	ND	ppb v/v		1	0.5
Methylene Chloride	15-MAY-07 17:26	0.58	ND	µg/m³		1	1.7
trans-1,2-Dichloroethene	15-MAY-07 17:26	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	15-MAY-07 17:26	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	15-MAY-07 17:26	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	15-MAY-07 17:26	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	15-MAY-07 17:26	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	15-MAY-07 17:26	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	15-MAY-07 17:26	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	15-MAY-07 17:26	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	15-MAY-07 17:26	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	15-MAY-07 17:26	0.43	ND	µg/m³		1	2.0
2-Butanone	15-MAY-07 17:26	0.182	5.9	ppb v/v		1	0.5
2-Butanone	15-MAY-07 17:26	0.54	17.	µg/m³		1	1.5
Ethyl Acetate	15-MAY-07 17:26	0.273	ND	ppb v/v		1	0.5

Date Printed.....: 18-MAY-07 09:00
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02477**
DCL Report Group..: **07E-0383-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	15-MAY-07 17:26	0.98	ND	µg/m³		1	1.8
Hexane	15-MAY-07 17:26	0.121	10.	ppb v/v		1	0.5
Hexane	15-MAY-07 17:26	0.43	36.	µg/m³		1	1.8
Chloroform	15-MAY-07 17:26	0.115	0.55	ppb v/v		1	0.5
Chloroform	15-MAY-07 17:26	0.56	2.7	µg/m³		1	2.4
1,1,1-Trichloroethane	15-MAY-07 17:26	0.0725	ND	ppb v/v		1	0.5
1,1,1-Trichloroethane	15-MAY-07 17:26	0.40	ND	µg/m³		1	2.7
Carbon Tetrachloride	15-MAY-07 17:26	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	15-MAY-07 17:26	0.41	ND	µg/m³		1	3.1
Benzene	15-MAY-07 17:26	0.102	3.1	ppb v/v		1	0.5
Benzene	15-MAY-07 17:26	0.33	10.	µg/m³		1	1.6
Tetrahydrofuran	15-MAY-07 17:26	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	15-MAY-07 17:26	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	15-MAY-07 17:26	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	15-MAY-07 17:26	0.62	ND	µg/m³		1	2.0
Cyclohexane	15-MAY-07 17:26	0.120	3.0	ppb v/v		1	0.5
Cyclohexane	15-MAY-07 17:26	0.41	10.	µg/m³		1	1.7
Trichloroethene	15-MAY-07 17:26	0.120	ND	ppb v/v		1	0.5
Trichloroethene	15-MAY-07 17:26	0.64	ND	µg/m³		1	2.7
1,2-Dichloropropane	15-MAY-07 17:26	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	15-MAY-07 17:26	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	15-MAY-07 17:26	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	15-MAY-07 17:26	0.52	ND	µg/m³		1	3.3
Heptane	15-MAY-07 17:26	0.101	6.7	ppb v/v		1	0.5
Heptane	15-MAY-07 17:26	0.41	27.	µg/m³		1	2.0
cis-1,3-Dichloropropene	15-MAY-07 17:26	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	15-MAY-07 17:26	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	15-MAY-07 17:26	0.116	1.0	ppb v/v		1	0.5
4-Methyl-2-Pentanone	15-MAY-07 17:26	0.48	4.1	µg/m³		1	2.0
Toluene	15-MAY-07 17:26	0.115	9.1	ppb v/v		1	0.5
Toluene	15-MAY-07 17:26	0.43	34.	µg/m³		1	1.9
trans-1,3-Dichloropropene	15-MAY-07 17:26	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	15-MAY-07 17:26	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	15-MAY-07 17:26	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	15-MAY-07 17:26	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	15-MAY-07 17:26	0.0847	23.	ppb v/v		1	0.5
Tetrachloroethene	15-MAY-07 17:26	0.57	150	µg/m³		1	3.4
2-Hexanone	15-MAY-07 17:26	0.136	ND	ppb v/v		1	0.5
2-Hexanone	15-MAY-07 17:26	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	15-MAY-07 17:26	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	15-MAY-07 17:26	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	15-MAY-07 17:26	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	15-MAY-07 17:26	0.91	ND	µg/m³		1	3.8
Chlorobenzene	15-MAY-07 17:26	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	15-MAY-07 17:26	0.41	ND	µg/m³		1	2.3
Ethylbenzene	15-MAY-07 17:26	0.150	4.8	ppb v/v		1	0.5
Ethylbenzene	15-MAY-07 17:26	0.65	21.	µg/m³		1	2.2
m,p-Xylene	15-MAY-07 17:26	0.213	5.6	ppb v/v		1	1.0
m,p-Xylene	15-MAY-07 17:26	0.92	24.	µg/m³		1	4.3
o-Xylene	15-MAY-07 17:26	0.113	2.8	ppb v/v		1	0.5
o-Xylene	15-MAY-07 17:26	0.49	12.	µg/m³		1	2.2
Styrene	15-MAY-07 17:26	0.0748	0.34	ppb v/v	J	1	0.5
Styrene	15-MAY-07 17:26	0.32	1.5	µg/m³	J	1	2.1
Bromoform	15-MAY-07 17:26	0.0884	ND	ppb v/v		1	0.5
Bromoform	15-MAY-07 17:26	0.90	ND	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	15-MAY-07 17:26	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	15-MAY-07 17:26	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	15-MAY-07 17:26	0.136	ND	ppb v/v		1	0.5

SAMPLE ANALYSIS DATA SHEET


S074B02M

Date Printed.....: 18-MAY-07 09:00
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02477**
DCL Report Group..: **07E-0383-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	15-MAY-07 17:26	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	15-MAY-07 17:26	0.0983	0.68	ppb v/v		1	0.5
4-Ethyl toluene	15-MAY-07 17:26	0.48	3.4	µg/m³		1	2.5
1,3,5-Trimethylbenzene	15-MAY-07 17:26	0.112	0.90	ppb v/v		1	0.5
1,3,5-Trimethylbenzene	15-MAY-07 17:26	0.55	4.4	µg/m³		1	2.5
1,2,4-Trimethylbenzene	15-MAY-07 17:26	0.117	3.5	ppb v/v		1	0.5
1,2,4-Trimethylbenzene	15-MAY-07 17:26	0.58	17.	µg/m³		1	2.5
1,3-Dichlorobenzene	15-MAY-07 17:26	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	15-MAY-07 17:26	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	15-MAY-07 17:26	0.0987	4.2	ppb v/v		1	0.5
1,4-Dichlorobenzene	15-MAY-07 17:26	0.59	25.	µg/m³		1	3.0
1,2-Dichlorobenzene	15-MAY-07 17:26	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	15-MAY-07 17:26	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	15-MAY-07 17:26	0.115	ND	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	15-MAY-07 17:26	0.85	ND	µg/m³		1	3.7
Hexachlorobutadiene	15-MAY-07 17:26	0.119	ND	ppb v/v		1	0.5
Hexachlorobutadiene	15-MAY-07 17:26	1.3	ND	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Propene, hexafluoro-(3.98)	15-MAY-07 17:26	11.	ppb v/v	J	1
Isobutane(4.53)	15-MAY-07 17:26	7.1	ppb v/v	J	1
Ethanol(5.29)	15-MAY-07 17:26	9.4	ppb v/v	J	1
Isopropyl Alcohol(5.93)	15-MAY-07 17:26	1.6	ppb v/v	J	1
Pentane(6.12)	15-MAY-07 17:26	7.2	ppb v/v	J	1
Cyclobutane, methyl-(7.47)	15-MAY-07 17:26	3.1	ppb v/v	J	1
Pentane, 2-methyl-(7.56)	15-MAY-07 17:26	5.0	ppb v/v	J	1
CYCLOPENTANE, METHYL-(8.98)	15-MAY-07 17:26	4.3	ppb v/v	J	1
Hexane, 3-methyl-(10.17)	15-MAY-07 17:26	3.3	ppb v/v	J	1
CYCLOHEXANE, METHYL-(11.36)	15-MAY-07 17:26	5.9	ppb v/v	J	1
Octane(13.06)	15-MAY-07 17:26	3.0	ppb v/v	J	1
Nonane(15.13)	15-MAY-07 17:26	4.1	ppb v/v	J	1
Decane(17.00)	15-MAY-07 17:26	4.0	ppb v/v	J	1
Undecane(18.70)	15-MAY-07 17:26	5.2	ppb v/v	J	1

Date Printed.....: 18-MAY-07 09:00

Client Name.....: Weston Solutions, Inc.
Client Ref Number....: 0055729
Sampling Site.....: Behr VOC Plume PRP
Release Number.....: 0055729

Date Received.....: 11-MAY-07 00:00

Client Sample Name: **EPA-31-SS**
DCL Sample Name...: **07E02478**
DCL Report Group..: **07E-0383-01**

Matrix.....: AIR
Date Sampled.....: 09-MAY-07 00:00
Reporting Units...: ppb v/v
Report Basis.....: ☒ As Received ☐ Dried

DCL Preparation Group: Not Applicable
Date Prepared.....: Not Applicable
Preparation Method...: Not Applicable
Aliquot Weight/Volume: 200 mL
Net Weight/Volume....: Not Required

DCL Analysis Group: G074J010
Analysis Method...: TO-15
Instrument Type...: GC/MS VO
Instrument ID.....: 5972-0
Column Type.....: DB-1
☒ Primary
☐ Confirmation

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Propene	15-MAY-07 18:59	0.180	6.6	ppb v/v		1	0.5
Propene	15-MAY-07 18:59	0.31	11.	µg/m³		1	0.86
Dichlorodifluoromethane	15-MAY-07 18:59	0.0669	0.61	ppb v/v		1	0.5
Dichlorodifluoromethane	15-MAY-07 18:59	0.33	3.0	µg/m³		1	2.5
Chloromethane	15-MAY-07 18:59	0.249	ND	ppb v/v		1	0.5
Chloromethane	15-MAY-07 18:59	0.51	ND	µg/m³		1	1.0
Freon 114	15-MAY-07 18:59	0.156	ND	ppb v/v		1	0.5
Freon 114	15-MAY-07 18:59	1.1	ND	µg/m³		1	3.5
Vinyl Chloride	15-MAY-07 18:59	0.301	ND	ppb v/v		1	0.5
Vinyl Chloride	15-MAY-07 18:59	0.77	ND	µg/m³		1	1.3
1,3-Butadiene	15-MAY-07 18:59	0.346	ND	ppb v/v		1	0.5
1,3-Butadiene	15-MAY-07 18:59	0.77	ND	µg/m³		1	1.1
Bromomethane	15-MAY-07 18:59	0.215	0.64	ppb v/v		1	0.5
Bromomethane	15-MAY-07 18:59	0.83	2.5	µg/m³		1	1.9
Chloroethane	15-MAY-07 18:59	0.388	ND	ppb v/v		1	0.5
Chloroethane	15-MAY-07 18:59	1.0	ND	µg/m³		1	1.3
Freon 11	15-MAY-07 18:59	0.0921	0.32	ppb v/v	J	1	0.5
Freon 11	15-MAY-07 18:59	0.52	1.8	µg/m³	J	1	2.8
cis-1,2-Dichloroethene	15-MAY-07 18:59	0.102	ND	ppb v/v		1	0.5
cis-1,2-Dichloroethene	15-MAY-07 18:59	0.40	ND	µg/m³		1	2.0
Carbon Disulfide	15-MAY-07 18:59	0.111	4.2	ppb v/v		1	0.5
Carbon Disulfide	15-MAY-07 18:59	0.35	13.	µg/m³		1	1.6
Freon 113	15-MAY-07 18:59	0.0950	ND	ppb v/v		1	0.5
Freon 113	15-MAY-07 18:59	0.73	ND	µg/m³		1	3.8
Acetone	15-MAY-07 18:59	0.113	15.	ppb v/v		1	0.5
Acetone	15-MAY-07 18:59	0.27	35.	µg/m³		1	1.2
Methylene Chloride	15-MAY-07 18:59	0.168	ND	ppb v/v		1	0.5
Methylene Chloride	15-MAY-07 18:59	0.58	ND	µg/m³		1	1.7
trans-1,2-Dichloroethene	15-MAY-07 18:59	0.118	ND	ppb v/v		1	0.5
trans-1,2-Dichloroethene	15-MAY-07 18:59	0.47	ND	µg/m³		1	2.0
1,1-Dichloroethane	15-MAY-07 18:59	0.116	ND	ppb v/v		1	0.5
1,1-Dichloroethane	15-MAY-07 18:59	0.47	ND	µg/m³		1	2.0
Methyl t-Butyl Ether	15-MAY-07 18:59	0.147	ND	ppb v/v		1	0.5
Methyl t-Butyl Ether	15-MAY-07 18:59	0.53	ND	µg/m³		1	1.8
Vinyl Acetate	15-MAY-07 18:59	0.133	ND	ppb v/v		1	0.5
Vinyl Acetate	15-MAY-07 18:59	0.47	ND	µg/m³		1	1.8
1,1-Dichloroethene	15-MAY-07 18:59	0.109	ND	ppb v/v		1	0.5
1,1-Dichloroethene	15-MAY-07 18:59	0.43	ND	µg/m³		1	2.0
2-Butanone	15-MAY-07 18:59	0.182	4.0	ppb v/v		1	0.5
2-Butanone	15-MAY-07 18:59	0.54	12.	µg/m³		1	1.5
Ethyl Acetate	15-MAY-07 18:59	0.273	ND	ppb v/v		1	0.5

Date Printed.....: 18-MAY-07 09:00
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02478**
DCL Report Group..: **07E-0383-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Ethyl Acetate	15-MAY-07 18:59	0.98	ND	µg/m³		1	1.8
Hexane	15-MAY-07 18:59	0.121	8.6	ppb v/v		1	0.5
Hexane	15-MAY-07 18:59	0.43	30.	µg/m³		1	1.8
Chloroform	15-MAY-07 18:59	0.115	ND	ppb v/v		1	0.5
Chloroform	15-MAY-07 18:59	0.56	ND	µg/m³		1	2.4
1,1,1-Trichloroethane	15-MAY-07 18:59	0.0725	ND	ppb v/v		1	0.5
1,1,1-Trichloroethane	15-MAY-07 18:59	0.40	ND	µg/m³		1	2.7
Carbon Tetrachloride	15-MAY-07 18:59	0.0657	ND	ppb v/v		1	0.5
Carbon Tetrachloride	15-MAY-07 18:59	0.41	ND	µg/m³		1	3.1
Benzene	15-MAY-07 18:59	0.102	4.1	ppb v/v		1	0.5
Benzene	15-MAY-07 18:59	0.33	13.	µg/m³		1	1.6
Tetrahydrofuran	15-MAY-07 18:59	0.227	ND	ppb v/v		1	0.5
Tetrahydrofuran	15-MAY-07 18:59	0.67	ND	µg/m³		1	1.5
1,2-Dichloroethane	15-MAY-07 18:59	0.153	ND	ppb v/v		1	0.5
1,2-Dichloroethane	15-MAY-07 18:59	0.62	ND	µg/m³		1	2.0
Cyclohexane	15-MAY-07 18:59	0.120	3.4	ppb v/v		1	0.5
Cyclohexane	15-MAY-07 18:59	0.41	12.	µg/m³		1	1.7
Trichloroethene	15-MAY-07 18:59	0.120	ND	ppb v/v		1	0.5
Trichloroethene	15-MAY-07 18:59	0.64	ND	µg/m³		1	2.7
1,2-Dichloropropane	15-MAY-07 18:59	0.123	ND	ppb v/v		1	0.5
1,2-Dichloropropane	15-MAY-07 18:59	0.57	ND	µg/m³		1	2.3
Bromodichloromethane	15-MAY-07 18:59	0.0779	ND	ppb v/v		1	0.5
Bromodichloromethane	15-MAY-07 18:59	0.52	ND	µg/m³		1	3.3
Heptane	15-MAY-07 18:59	0.101	6.1	ppb v/v		1	0.5
Heptane	15-MAY-07 18:59	0.41	25.	µg/m³		1	2.0
cis-1,3-Dichloropropene	15-MAY-07 18:59	0.106	ND	ppb v/v		1	0.5
cis-1,3-Dichloropropene	15-MAY-07 18:59	0.48	ND	µg/m³		1	2.3
4-Methyl-2-Pentanone	15-MAY-07 18:59	0.116	0.52	ppb v/v		1	0.5
4-Methyl-2-Pentanone	15-MAY-07 18:59	0.48	2.1	µg/m³		1	2.0
Toluene	15-MAY-07 18:59	0.115	11.	ppb v/v		1	0.5
Toluene	15-MAY-07 18:59	0.43	41.	µg/m³		1	1.9
trans-1,3-Dichloropropene	15-MAY-07 18:59	0.130	ND	ppb v/v		1	0.5
trans-1,3-Dichloropropene	15-MAY-07 18:59	0.59	ND	µg/m³		1	2.3
1,1,2-Trichloroethane	15-MAY-07 18:59	0.0972	ND	ppb v/v		1	0.5
1,1,2-Trichloroethane	15-MAY-07 18:59	0.53	ND	µg/m³		1	2.7
Tetrachloroethene	15-MAY-07 18:59	0.0847	0.52	ppb v/v		1	0.5
Tetrachloroethene	15-MAY-07 18:59	0.57	3.5	µg/m³		1	3.4
2-Hexanone	15-MAY-07 18:59	0.136	ND	ppb v/v		1	0.5
2-Hexanone	15-MAY-07 18:59	0.56	ND	µg/m³		1	2.0
Dibromochloromethane	15-MAY-07 18:59	0.0792	ND	ppb v/v		1	0.5
Dibromochloromethane	15-MAY-07 18:59	0.67	ND	µg/m³		1	4.2
1,2-Dibromoethane	15-MAY-07 18:59	0.119	ND	ppb v/v		1	0.5
1,2-Dibromoethane	15-MAY-07 18:59	0.91	ND	µg/m³		1	3.8
Chlorobenzene	15-MAY-07 18:59	0.0882	ND	ppb v/v		1	0.5
Chlorobenzene	15-MAY-07 18:59	0.41	ND	µg/m³		1	2.3
Ethylbenzene	15-MAY-07 18:59	0.150	4.0	ppb v/v		1	0.5
Ethylbenzene	15-MAY-07 18:59	0.65	17.	µg/m³		1	2.2
m,p-Xylene	15-MAY-07 18:59	0.213	6.1	ppb v/v		1	1.0
m,p-Xylene	15-MAY-07 18:59	0.92	26.	µg/m³		1	4.3
o-Xylene	15-MAY-07 18:59	0.113	5.7	ppb v/v		1	0.5
o-Xylene	15-MAY-07 18:59	0.49	25.	µg/m³		1	2.2
Styrene	15-MAY-07 18:59	0.0748	0.84	ppb v/v		1	0.5
Styrene	15-MAY-07 18:59	0.32	3.6	µg/m³		1	2.1
Bromoform	15-MAY-07 18:59	0.0884	0.56	ppb v/v		1	0.5
Bromoform	15-MAY-07 18:59	0.90	5.7	µg/m³		1	5.1
1,1,2,2-Tetrachloroethane	15-MAY-07 18:59	0.108	ND	ppb v/v		1	0.5
1,1,2,2-Tetrachloroethane	15-MAY-07 18:59	0.74	ND	µg/m³		1	3.4
Benzyl Chloride	15-MAY-07 18:59	0.136	ND	ppb v/v		1	0.5

Date Printed.....: 18-MAY-07 09:00
Client Name.....: Weston Solutions, Inc.

DCL Sample Name...: **07E02478**
DCL Report Group..: **07E-0383-01**

Analytical Results

Analyte	Date Analyzed	MDL	Result	Units	Qual.	Dilution	PQL
Benzyl Chloride	15-MAY-07 18:59	0.70	ND	µg/m³		1	2.6
4-Ethyl toluene	15-MAY-07 18:59	0.98	35.	ppb v/v		10	5.0
4-Ethyl toluene	15-MAY-07 18:59	4.8	170	µg/m³		10	25.
1,3,5-Trimethylbenzene	15-MAY-07 18:59	1.1	100	ppb v/v		10	5.0
1,3,5-Trimethylbenzene	15-MAY-07 18:59	5.5	500	µg/m³		10	25.
1,2,4-Trimethylbenzene	15-MAY-07 18:59	1.2	300	ppb v/v	E	10	5.0
1,2,4-Trimethylbenzene	15-MAY-07 18:59	5.8	1500	µg/m³	E	10	25.
1,3-Dichlorobenzene	15-MAY-07 18:59	0.120	ND	ppb v/v		1	0.5
1,3-Dichlorobenzene	15-MAY-07 18:59	0.72	ND	µg/m³		1	3.0
1,4-Dichlorobenzene	15-MAY-07 18:59	0.0987	ND	ppb v/v		1	0.5
1,4-Dichlorobenzene	15-MAY-07 18:59	0.59	ND	µg/m³		1	3.0
1,2-Dichlorobenzene	15-MAY-07 18:59	0.0851	ND	ppb v/v		1	0.5
1,2-Dichlorobenzene	15-MAY-07 18:59	0.51	ND	µg/m³		1	3.0
1,2,4-Trichlorobenzene	15-MAY-07 18:59	0.115	ND	ppb v/v		1	0.5
1,2,4-Trichlorobenzene	15-MAY-07 18:59	0.85	ND	µg/m³		1	3.7
Hexachlorobutadiene	15-MAY-07 18:59	0.119	ND	ppb v/v		1	0.5
Hexachlorobutadiene	15-MAY-07 18:59	1.3	ND	µg/m³		1	5.3

Tentatively Identified Compound Results

Analyte(Retention Time)	Date Analyzed	Result	Units	Qual.	Dilution
Ethane, 1-chloro-1,1-difluoro-(4.38)	15-MAY-07 18:59	200	ppb v/v	J	1
Ethanol(5.26)	15-MAY-07 18:59	7.6	ppb v/v	J	1
Benzene, 1-ethyl-3-methyl-(16.23)	15-MAY-07 18:59	83.	ppb v/v	J	1
Benzene, 1-ethyl-2-methyl-(16.60)	15-MAY-07 18:59	44.	ppb v/v	J	1
Decane(17.01)	15-MAY-07 18:59	50.	ppb v/v	J	1
Benzene, (2-methylpropyl)-(17.15)	15-MAY-07 18:59	22.	ppb v/v	J	1
Benzene, 1-methyl-3-(1-methyle(17.33)	15-MAY-07 18:59	20.	ppb v/v	J	1
Benzene, 1,2,3-trimethyl-(17.41)	15-MAY-07 18:59	75.	ppb v/v	J	1
Benzene, 1-methyl-3-propyl-(17.86)	15-MAY-07 18:59	34.	ppb v/v	J	1
Benzene, 4-ethyl-1,2-dimethyl-(17.96)	15-MAY-07 18:59	43.	ppb v/v	J	1
Decane, 2-methyl-(18.13)	15-MAY-07 18:59	21.	ppb v/v	J	1
Benzene, 2-ethyl-1,4-dimethyl-(18.33)	15-MAY-07 18:59	23.	ppb v/v	J	1
Undecane(18.71)	15-MAY-07 18:59	40.	ppb v/v	J	1

BEHR VOC PLUME SITE
DAYTON, OHIO
DATA VALIDATION REPORT

Date: August 7, 2007
Laboratory: DataChem Laboratories, Inc. (DataChem), Salt Lake City, Utah
Laboratory SDG #/Set ID #: BEHR/07E-0388-01
Data Validation Performed By: Lisa Graczyk, Dynamac Corporation (Dynamac), subcontractor to Weston Solutions, Inc. (Weston)
Weston Analytical Work Order #/TDD #: 20405.016.003.0121.00/S05-0612-007

This data validation report has been prepared by Dynamac, a Weston subcontractor, under the START III Region V contract. This report documents the data validation of air samples collected for the Behr VOC Plume Site that were analyzed for Volatile Organic Compounds (VOC) by U.S. Environmental Protection Agency (U.S. EPA) method TO-15. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Organic Data Review" dated October 1999.

VOCs in Air by U.S. EPA Method TO15

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
EPA-32-SS	07E2532	Air	05/10/07	NA	05/15/07
EPA-33-SS	07E2533	Air	05/10/07	NA	05/15/07
EPA-34-SS	07E2534	Air	05/10/07	NA	05/15/07

2. Holding Times

The samples were analyzed within the required holding time limit of 30 days from sample collection in accordance with method TO-15.

3. Instrument Performance Check

The instrument performance check using bromofluorobenzene (BFB) standard met the ion abundance criteria specified in method TO-15.

4. Initial Calibration

For the initial calibration, the percent relative standard deviations (%RSD) for all compounds were less than 30 percent. The average relative response factors were all greater than 0.05.

5. Continuing Calibration

The percent differences in the continuing calibration standard for all target compounds were within the control limit of less than or equal to 25 percent.

6. Blanks

The method blank associated with the samples was free of target compound contamination.

7. Surrogates

The 4-bromofluorobenzene surrogate spike recoveries in the samples were within the quality control (QC) limits.

8. Laboratory Control Sample (LCS)

The LCS recoveries and LCS duplicate recoveries were within the laboratory-established QC limits of 70 to 130 percent recovery except for the following compound: hexachlorobutadiene. Because this compound was detected high and was not detected in the samples, no qualifications are required.

9. Internal Standard Results

The internal standard area counts in the samples were within -50 percent to +100 percent of the area counts of the associated continuing calibration standard. The retention time of the internal standards did not vary more than ±30 seconds from the retention time of the associated continuing calibration standard.

10. Target Compound Identification

A spot-check was performed of the mass spectra for detected compounds. The spot-check confirmed compound identification. DataChem appropriately flagged those results detected above the method detection limit but below the quantitation limit as "J" or estimated.

ATTACHMENT

DATACHEM LABORATORIES
RESULTS SUMMARY